

FRIDEN EC 130 CALCULATOR

COMPUTER PRINTOUT

SECTION I - GLOSSARY OF TERMS

F R I D E N INC
EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
ACTR1FF	1290.01	1260.03 1340.04 1390.03 1440.04	A COUNTER 1 FLIP FLOP
ACTR1FN	1290.02	1260.05 1340.07 1390.05 1440.06	
ACTR2FF	1260.01	1270.03 1260.07 1330.04 1320.03 1430.04	A COUNTER 2 FLIP FLOP
ACTR2FN	1260.02	1270.05 1330.07 1380.05 1430.07	
ACTR3FF	1270.01	1260.03 1270.07 1320.04 1370.03 1420.04	A COUNTER 3 FLIP FLOP
ACTR3FN	1270.02	1260.05 1320.07 1370.05 1420.07	
ACTR4FF	1260.01	0163.02 1250.03 1260.07 1310.04 1360.03 1410.04	A COUNTER 4 FLIP FLOP
ACTR4FN	1260.02	1250.05 1310.07 1360.05 1410.07	
ACTR5FF	1250.01	1250.07 1290.08 1300.04 1350.03 1400.04	A COUNTER 5 FLIP FLOP
ACTR5FN	1250.02	0163.02 1290.05 1300.08 1350.05 1400.07	
ACTRN9	0163.01	0157.02 0159.02 1230.07	A COUNTER NOT 9
AD1R2DIV	0044.01	0024.05 0068.02 0070.02	ADD 1 TO REGISTER 2 (DIV)
ADDSUBFF	1020.01	1030.03 1140.03 1140.06	ADD OR SUB FLIP FLOP
ADDSUBFN	1020.02	0022.02 1140.04 1140.05	
ADDSUBKY	EXT INPUT	1020.03	ADD OR SUBTRACT KEY
ADINDIV	0040.01	0020.02 0065.02	ADD IN DIV
ADINMULT	0042.01	0020.02 0024.02	ADD IN MULT
ADINSIGN	0022.01	0020.02 1220.02	ADD IN SIGN

F R Y D E N INC
EC/130 GLOSSARY OF TERMS

DEFINITION

USED IN EQUATIONS

TERM DEFINED AT

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
ADVA	0155.01	1230.04 1230.06 1250.03 1250.05 1260.03 1260.05 1270.03 1270.05 1280.03 1280.05 1290.05 1290.08 1450.04	ADVANCE A COUNTER
ADVC	0198.01	1400.05 1400.08 1410.05 1410.08 1420.05 1420.08 1430.05 1430.08 1440.05 1440.07	ADVANCE C COUNTER
ADVD	0139.01	1300.03 1300.07 1310.03 1310.06 1320.03 1320.06 1330.03 1330.06 1340.03 1340.06	ADVANCE D COUNTER
ADVDP	0059.01	1210.05 1210.06	ADVANCE DECIMAL POINT COUNTER
ADVEPC	0024.01	1170.03 1170.04	ADVANCE ENTRY PHASE COUNTER
ALSHILT	0054.01	0024.04 0030.02 0067.02	ALIGN SHIFT 1 LEFT
ATIMEFF	1470.01	0500.03 1470.04	A TIMING CHAIN FLIP FLOP
ATIMEFN	1470.02	0173.02 0500.02 1470.03 1480.03 1450.04	
B0B1T	0187.01	0191.02	B0 OR B1 TIMMING
B14B15T	0145.01	0191.02	B14 OR B15 TIMMING
BCTR1FF	1390.01	1440.03	B COUNTER 1 FLIP FLOP
BCTR1FN	1390.02	1440.06	
BCTR2FF	1380.01	1430.03	B COUNTER 2 FLIP FLOP
BCTR2FN	1380.02	1380.07 1390.07 1430.06	
BCTR3FF	1370.01	1420.03	B COUNTER 3 FLIP FLOP
BCTR3FN	1370.02	1420.06	
BCTR4FF	1360.01	1410.03	B COUNTER 4 FLIP FLOP
BCTR4FN	1360.02	1410.06	
BCTR5FF	1350.01	1400.03	B COUNTER 5 FLIP FLOP

F R I D E N INC
 EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
BCTR5FN	1350.02	1400.06	
BLANK	0500.01		SEGMENT BLANKING
BTIMEFF	1480.01	0167.02 0500.03 1480.04	B TIMING CHAIN FLIP FLOP
BTIMEFN	1480.02	0173.02 0185.02 0500.02 1480.03 1490.03 1490.04	
COC1C15T	0600.01	0072.02 0101.02 0105.02 0141.02 0147.02 0149.02	C0 OR C1 OR C15 TIMMING
COTIME	0220.01		C0 TIMMING
C15TIME	0230.01	0120.02 0231.02 1600.03	C15 TIMMING
C1TIME	0213.01	0214.02 1380.07 1390.07	C1 TIMMING
C2TIME	0216.01	0228.02 1600.02	C2 TIMMING
CCTR1FF	1440.01	0189.02 1400.06	C COUNTER 1 FLIP FLOP
CCTR1FN	1440.02	1400.05	
CCTR2FF	1430.01	1440.05	C COUNTER 2 FLIP FLOP
CCTR2FN	1430.02	1440.07	
CCTR3FF	1420.01	1430.05	C COUNTER 3 FLIP FLOP
CCTR3FN	1420.02	1430.06	
CCTR4FF	1410.01	1420.05	C COUNTER 4 FLIP FLOP
CCTR4FN	1410.02	1420.06	
CCTR5FF	1400.01	0189.02 1410.05	C COUNTER 5 FLIP FLOP
CCTR5FN	1400.02	1410.08	
CCTRZERO	0189.01	0191.02	C COUNTER ZERO
CFSDPS	0026.01	0061.02 1110.04	COMMON FUNCTION STORE AND DECIMAL POINT STORE
CF5FF	1120.01	0197.02 1120.04 1130.03	COMMON FUNCTION STORAGE FLIP FLOP
CF5FN	1120.02	0026.02 0101.02 0145.02 1120.03	

F R I D E N I N C
EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
CHGSGNFN	1050.01	0111.02	CHANGE SIGN FLIP FLOP NOT
CHGSGNKY	EXT INPUT	1050.02	CHANGE SIGN KEY
CLOCKFF	1460.01	1460.04	CLOCK FLIP FLOP
CLOCKFN	1460.02	0191.02 1460.03 1470.03 1470.04	
CLRENTKY	EXT INPUT	1030.04 1220.04	CLEAR ENTRY KEY
COMDIGFF	1110.01	0017.02	COMMON DIGIT FLIP FLOP
COMDIGFN	1110.02	0061.02 0101.02 0145.02 1120.04	
COMDIGSW	EXT INPUT	1110.03	COMMON DIGIT SWITCH
COMFUNFF	1100.01	0017.02 1120.03	COMMON FUNCTION FLIP FLOP
COMFUNFN	1100.02	0054.02 1100.03 1130.06	
COMFUNSW	EXT INPUT	1100.04	COMMON FUNCTION SWITCH
COMP	0105.01	0127.02 0131.02 0137.02 0145.02	COMPLEMENT
COMPARE	0227.01	0124.02	COMPARE
CRYBRWFF	1230.01	0149.02 1230.05 1240.03 1300.05	CARRY BORROW FLIP FLOP
CRYBRWFN	1230.02	0111.02 1230.03 1300.09	
CRYOFLFF	1240.01	0032.02 0044.02 1220.02 1240.03 1240.04	CARRY OVERFLOW FLIP FLOP
CRYOFLFN	1240.02	0020.02 0105.02 0111.02	
CTIMEFF	1490.01	0187.02 0500.03 1490.04	C TIMING CHAIN FLIP FLOP
CTIMEFN	1490.02	0173.02 0185.02 0500.02 0500.04 1490.03 1500.03 1500.04	
DCTRIFF	1340.01	0166.02 0500.04 1290.04 1300.07 1340.08 1390.04	D COUNTER 1 FLIP FLOP

F R I D E N INC
EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
DCTR1FN	1340.02	0193.02 0245.04 0500.04 1290.07 1300.03 1390.06	
DCTR2FF	1330.01	0245.03 0246.04 0500.04 1280.04 1330.08 1340.03 1380.04	D COUNTER 2 FLIP FLOP
DCTR2FN	1330.02	0500.04 1280.06 1340.06 1360.06	
DCTR3FF	1320.01	0500.04 1270.04 1320.08 1330.03 1370.04	D COUNTER 3 FLIP FLOP
DCTR3FN	1320.02	0246.03 0500.04 1270.06 1330.06 1370.06	
DCTR4FF	1310.01	0500.04 1260.04 1310.08 1320.03 1360.04	D COUNTER 4 FLIP FLOP
DCTR4FN	1310.02	0500.04 1260.06 1320.06 1360.06	
DCTR5FF	1300.01	0166.02 0500.04 1250.04 1310.03 1350.04	D COUNTER 5 FLIP FLOP
DCTR5FN	1300.02	0500.04 1250.06 1310.06 1350.06	
DCTRZERO	0166.01	0042.02 0139.02 0167.02	D COUNTER ZERO
DECPY	0197.01	0245.02 0246.02 0500.04	DECIMAL POINT
DECPYKY	EXT INPUT	1110.04 1130.04	DECIMAL POINT KEY
DIG10PST	0245.01		DIGIT 1 OFF SET FOR DISPLAY (SEE DISPLAY DWG)
DIG175SW	EXT INPUT	1340.05	KEYBOARD CODE BAR (DIGITS 1 THRU 5)
DIG276SW	EXT INPUT	1330.05	
DIG377SW	EXT INPUT	1320.05	
DIG478SW	EXT INPUT	1310.05	
DIG579SW	EXT INPUT	1300.06	
DIG670PST	0246.01		DIGIT 7 OFFSET FOR DISPLAY (SEE DISPLAY DWG)
DISCONFF	1600.01	0900.04	DISPLAY CONTROL FLIP FLOP

F R I D E N INC
EC/130 GLOSSARY OF TERMS

DEFINITION

USED IN EQUATIONS

DEFINED AT

TERM

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
DIVFF	1080.01	0010.02 0600.03 1200.05	DIVIDE FLIP FLOP
DIVFN	1080.02	0040.02 0044.02 0047.02	
DIVKY	EXT INPUT	1080.03	DIVIDE KEY
DPC1FF	1210.01	0056.02 0058.02 1210.06	DECIMAL POINT COUNTER 1 FLIP FLOP
DPC1FN	1210.02	1200.06 1200.07 1210.05	
DPC2FF	1200.01	0056.02 0058.02 1190.07 1200.07	DECIMAL POINT COUNTER 2 FLIP FLOP
DPC2FN	1200.02	1190.06 1200.06	
DPC4FF	1190.01	0056.02 0058.02 1190.07	DECIMAL POINT COUNTER 4 FLIP FLOP
DPC4FN	1190.02	1180.05 1180.06 1190.06	
DPC8FF	1180.01	0056.02 0058.02 1180.06	DECIMAL POINT COUNTER 8 FLIP FLOP
DPC8FN	1180.02	1180.05	
DPCZERO	0058.01	0040.02 0054.02 0059.02 0063.02 1130.05	DECIMAL POINT COUNTER ZERO
DPS10	EXT INPUT	1180.03	DECIMAL POINT SWITCH TERMINAL
DPS11	EXT INPUT	1190.03	
DPS12	EXT INPUT	1200.03	
DPS13	EXT INPUT	1210.03	
DPS14	EXT INPUT	1180.04	
DPS15	EXT INPUT	1190.04	
DPS16	EXT INPUT	1200.04	
DPS17	EXT INPUT	1210.04	
DPS1	EXT INPUT	0197.02	
DPS2	EXT INPUT	0197.02	
DPS4	EXT INPUT	0197.02	
DPS5	EXT INPUT	0197.02	

F R I D E N INC
EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
DPS6	EXT INPUT	0197.02	
DPS7	EXT INPUT	0197.02	
DPS8	EXT INPUT	0197.02	
DPS9	EXT INPUT	0197.02	
DPSDPCZ	0056.01	0061.02	DECIMAL POINT COUNTER ZERO AND DECIMAL POINT STORE
DPSFF	1130.01	1130.06 1130.07 1180.03 1180.04 1190.03 1190.04 1200.03 1200.04 1210.03 1210.04	DECIMAL POINT STORAGE FLIP FLOP
DPSFN	1130.02	0026.02 0056.02 0300.03 1130.03	
DTIMEFF	1500.01	0187.02 0193.02 0500.04 1380.07 1390.07 1500.04	D TIMING CHAIN FLIP FLOP
DTIMEFN	1500.02	0173.02 0185.02 0197.02 0500.04 1500.03 1510.03 1510.04	
ENABBT0C	0115.01	0117.02 0127.02 0131.02	ENABLE BT0C
ENBRWRTH	0114.01	1230.08	ENABLE BORROW RESET (MULT)
ENRESTD5	0110.01	1300.10	ENABLE RESET D5
ENRSTBRW	0159.01	0157.02 1230.06	
ENRSTCRY	0149.01	0149.02 0155.02 1230.07	ENABLE RESET CARRY FLIP FLOP
ENRTATOZ	0112.01	0114.02 1290.06	ENABLE RESET A COUNTER TO ZERO
ENSETBRW	0157.01	1230.04	ENABLE RESET BORROW FLIP FLOP (SUB)
ENSHADDB	0101.01	0124.02 0127.02 0131.02	ENABLE SHIFT A TO D OR D TO B
ENSTAT01	0111.01	0112.02 1290.03	ENABLE SET A COUNTER TO 1
ENTDIV8T	0027.01		ENTRY AND DIV SET .TO DPS 18
ENTSHILT	0061.01	0067.02 1300.06 1310.05 1320.05 1330.05 1340.05	ENTRY SHIFT 1 LEFT

F R I D E N INC
EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
EPC1FF	1170.01	0032.02 0036.02 0044.02 0052.02 0067.02 1170.04	ENTRY PHASE COUNTER 1 FLIP FLOP
EPC1FN	1170.02	0034.02 0040.02 0042.02 0047.02 0049.02 0054.02 1160.03 1160.04 1170.03	
EPC2FF	1160.01	0030.02 0032.02 0040.02 0042.02 0044.02 0054.02 1150.03 1160.04	ENTRY PHASE COUNTER 2 FLIP FLOP
EPC2FN	1160.02	0034.02 0036.02 0047.02 0049.02 0052.02 0067.02 1150.04 1150.05 1160.03	
EPC4FF	1150.01	0030.02 0032.02 0047.02 0049.02 0052.02 0054.02 0067.02 1150.05	ENTRY PHASE COUNTER 4 FLIP FLOP
EPC4FN	1150.02	0012.02 0034.02 0036.02 0040.02 0042.02 0044.02 1150.04	
EPCSTP6	EXT INPUT	1140.04 1140.05	
EPCSTP6N	0035.01	0063.02 0067.02 0094.02 0096.02 0101.02 0111.02 0145.02	NOT ENTRY PHASE COUNTER STEP 6
EPCSTP7	0034.01	0035.02 0047.02 1100.06 1110.05	ENTRY PHASE COUNTER STEP 7
EPCSTP7N	0035.01	0022.02 0061.02 0067.02	NOT ENTRY PHASE COUNTER STEP 7
EPCZERO	0032.01	0226.02 0500.04	ENTRY PHASE COUNTER ZERO
ETIMEFF	1510.01	0197.02 0207.02 0226.02 0500.04 1510.04	E TIMING CHAIN FLIP FLOP
ETIMEFN	1510.02	0101.02 0210.02 0226.02 0500.04 1510.03 1520.04 1520.05	
FTIMEFF	1520.01	0101.02 0207.02 0226.02 0500.04 1140.04 1140.05 1520.05	F TIMING CHAIN FLIP FLOP
FTIMEFN	1520.02	0226.02 0500.04 1520.04 1530.03 1530.04	

F R I D E N I N C
EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
GTIMEFF	1530.01	0087.02 0096.02 0101.02 0207.02 0500.04 1530.04	G TIMING CHAIN FLIP FLOP
GTIMEFN	1530.02	0197.02 0210.02 0226.02 1520.03 1530.03 1540.03 1540.04	
HOME	1450.01	0024.03 0059.03 0300.02 0300.03 1100.05 1100.06 1110.05 1140.03 1150.06 1230.05 1240.03 1240.04 1300.10 1450.04 1460.03 1460.04	OUTPUT OF OSCILLATOR CONTROL FLIP FLOP WHEN SET
HTIMEFF	1540.01	0197.02 0216.02 0220.02 1540.04	H TIMING CHAIN FLIP FLOP
HTIMEFN	1540.02	0197.02 0213.02 0230.02 1540.03 1550.03 1550.04	
JTIMEFF	1550.01	0197.02 0213.02 0220.02 0600.02 1550.04	J TIMING CHAIN FLIP FLOP
JTIMEFN	1550.02	0197.02 0216.02 0230.02 1550.03 1560.03 1560.04	
KBPULGEN	0004.01	1010.02 1020.03 1030.04 1040.03 1050.02 1060.02 1070.02 1080.03 1090.03 1100.04 1110.03 1130.04	KEYBOARD PULSE GENERATOR
KTIMEFF	1560.01	0197.02 0213.02 0216.02 0220.02 0600.02 1560.04	K TIMING CHAIN FLIP FLOP
KTIMEFN	1560.02	0197.02 0230.02 1560.03 1570.03 1570.04	
LTIMEFF	1570.01	0197.02 0213.02 0216.02 0220.02 0600.02 1570.04	L TIMING CHAIN FLIP FLOP
LTIMEFN	1570.02	0197.02 0230.02 1450.03 1570.03 1580.03 1580.04 1610.04	
MANDD\$6H	0052.01	0141.02 1130.07 1190.05 1200.05	MULT AND DIV SIGN
MINUS\$6H	0193.01	0500.04	MINUS SIGN

F R I D E N INC
EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
MORDEPC4	0012.01	1130.05	MULT OR DIV AND ENTRY PHASE COUNTER STEP 4
MTIMEFF	1590.01	0197.02 0226.02 1580.04	M TIMING CHAIN FLIP FLOP
MTIMEFN	1580.02	0226.02 1580.03 1590.03 1590.04	
MULTFF	1090.01	0010.02 0027.02	MULTIPLY FLIP FLOP
MULTFN	1090.02	0028.02 0042.02 0049.02 0111.02 0114.02 0139.02	
MULTKY	EXT INPUT	1090.03	MULTIPLY KEY
MULTSET	0028.01	1190.05	MULT SET
NAIR2DIV	0068.01	0111.02	NOT ADD 1 TO REGISTER 2 (DIV)
NADD	0020.01	0139.02 0141.02 0149.02	NOT ADD
NADVC	0191.01	0198.02	NOT ADVANCE C COUNTER
NB15TIME	0173.01	0117.02 0120.02 0124.02 0127.02 0131.02 0141.02 0145.02 0147.02 0149.02	NOT B15 TIMING
NC15TIME	0231.01	0139.02 0300.02 0300.03 0600.03	NOT C15 TIMING
NC1TIME	0214.01	0052.02 0111.02 1140.04 1140.05 1220.04	NOT C1 TIMING
NC2TIME	0228.01	0111.02 0193.02	NOT C2 TIMING
NCFORCD	0017.01	0015.02 1150.07 1160.05 1170.05	NOT COMMON FUNCTION OR COMMON DIGIT
NCOMPARE	0226.01	0227.02 1600.02 1600.03	NOT COMPARE
NDCYRZER	0167.01	1220.03	NOT D COUNTER ZERO
NHOME	1450.02	1450.03 1470.05 1480.05 1530.05	
NMULTDIV	0010.01	0012.02 0063.02 0087.02 1150.03	NOT MULT OR DIV

F R I D E N INC
 EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
NROTIME	0211.01	0072.02 0087.02 0111.02 0141.02 0145.02 0147.02 0149.02 0193.02 0500.04	NOT R0 TIME
NRTIME	0208.01	0052.02 0087.02 0101.02 0105.02 0111.02 0139.02 0500.04	NOT R1 TIMING
NROTIME	EXT INPUT	0500.04	
NSH1LT	0067.01	0059.04 0101.02 0300.02	NOT SHIFT 1 LEFT
NSH2LT	0065.01	0101.02 0300.03	NOT SHIFT 2 LEFT
NSUB	0070.01	0072.02 0073.02 0147.02 0159.02	NOT SUB
NTIMEFF	1590.01	0197.02 0226.02 1590.04	N TIMING CHAIN FLIP FLOP
NTIMEFN	1590.02	0226.02 1590.03 1610.03	
OFLOCKKY	EXT INPUT	0005.02	OVERFLOW LUCK KEY
OSC	EXT INPUT	1460.03 1460.04	OSCILLATOR
OVERFLOW	0030.01	1100.05	OVERFLOW
OVRFLWFN	1220.01	0030.02 0076.02 1030.05	OVERFLOW FLIP FLOP NOT
OVRFLWLT	0076.01		OVERFLOW LIGHT
ROTIME	0210.01	0094.02 0211.02	R0 TIMING
R1TIME	0207.01	0096.02 0208.02	R1 TIMING
READAMP	EXT INPUT	0137.02 0155.02 1140.04 1140.05	OUTPUT OF READ AMPLIFIER (SEE READ WRITE AMP DWG)
RECALLFN	1070.01	0094.02 0096.02	RECALL FLIP FLOP NOT
RECALLKY	EXT INPUT	1070.02	RECALL KEY
REGINTFF	1610.01	1580.05 1610.03	REGISTER 1 INTENSITY FLIP FLOP
REGINTFN	1610.02	1610.04	
REPEATFN	1060.01	0094.02 0096.02	REPEAT FLIP FLOP NOT
REPEATKY	EXT INPUT	1060.02	REPEAT KEY

F R I D E N INC
 EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
RESET	0005.01	0015.02 1100.07 1110.06 1120.05 1130.08 1160.07 1190.08 1200.08 1210.07 1220.05 1230.09 1240.05	RESET
RESETA	0141.01	1230.08 1250.07 1260.07 1270.07 1280.07 1290.03 1290.06	RESET A COUNTER
RESETD	0145.01	1300.05 1300.09 1310.08 1320.05 1330.08 1340.08	RESET D COUNTER
RETCFCD	0015.01	1020.04 1030.07 1040.04 1050.03 1060.03 1070.03 1080.04 1090.04	RESET OR NOT COMMON FUNCTION OR COMMON DIGIT
SETRW	0137.01	0139.02 1230.03	SET BORROW FLIP FLOP AND ADVANCE D COUNTER
SGNCNTFF	1140.01	0047.02 0105.02 0111.02 1140.05	SIGN CONTROL FLIP FLOP
SGNCNTFN	1140.02	0022.02 1140.03 1140.04	
SH1LTMD	0063.01	0067.02 0300.02 1150.06	SHIFT 1 LEFT (MULT OR DIV)
SH2LTMUL	0049.01	0065.02	SHIFT 2 LEFT IN MULT
SHDNATOC	0087.01	0115.02 0120.02	SHIFT DOWN (ATOC)
SHFDWNFF	1030.01	1100.03	SHIFT DOWN FLIP FLOP
SHFDWNFN	1030.02	0087.02 1030.03 1030.05 1030.06	
SHFTATOB	0127.01	1350.03 1350.05 1360.03 1360.05 1370.03 1370.05 1380.03 1360.05 1390.03 1390.05	SHIFT A TO B
SHFTATOC	0120.01	1400.04 1400.07 1410.04 1410.07 1420.04 1420.07 1430.04 1430.07 1440.04 1440.08	SHIFT A TO C
SHFTATOD	0124.01	1300.04 1300.08 1310.04 1310.07 1320.04 1320.07 1330.04 1330.07 1340.04 1340.07	SHIFT A TO D

F R I D E N INC
EC/130 GLOSSARY OF TERMS

TERM	DEFINED AT	USED IN EQUATIONS	DEFINITION
SHFTBTOC	0117.01	1400.03 1400.06 1410.03 1410.06 1420.03 1420.06 1430.03 1430.06 1440.03 1440.06	SHIFT B TO C
SHFTD TOA	0147.01	1250.04 1250.06 1260.04 1260.06 1270.04 1270.06 1280.04 1280.06 1290.04 1290.07	SHIFT D TO A
SHFTD TOB	0131.01	1350.04 1350.06 1360.04 1360.06 1370.04 1370.06 1380.04 1380.06 1390.04 1390.06	SHIFT D TO B
SHLTOFLW	0300.01	0110.03 0145.02 1220.03	SHIFT LEFT OVERFLOW
SHUPATOD	0094.01	0124.02	SHIFT UP (ATOD)
SHUPDTOB	0096.01	0127.02 0131.02	SHIFT UP (DTOB)
SROCO115	0072.01	0137.02 0141.02	SUB AND RO AND NOT CO OR CI OR C15
START	0001.01	0005.03 1450.05	START
STARTFF	1010.01	1010.02	START FLIP FLOP
STARTFN	1010.02	0001.02	
STARTKEY	EXT INPUT	1010.04	START KEY (CLEAR ALL KEY)
STOREFF	1040.01	1030.06	STORE FLIP FLOP
STOREFN	1040.02	0087.02	
STOREKY	EXT INPUT	1040.03	STORE KEY
SUB	0073.01	0110.02 0145.02	SUB
SUBDIVSG	0047.01	0070.02	SUB IN DIV OR SUB IN SIGN
SUBKY	EXT INPUT	1140.06	SUBTRACT KEY

FRIDEN EC 130 CALCULATOR

COMPUTER PRINTOUT

SECTION II - LOGIC SCHEMATIC

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

```

0001.00.00 START INV AD
01.00 B0602R O1=START

02.00 B0605DA I1=STARTFN

0004.00.00 KPULGEN INV AA
01.00 B0824DC O1=KPULGEN

01.01 INPUT IS FROM PIN 45 OF INTERFACE

0005.00.00 RESET COG AA
01.00 B1121R O1=RESET

02.00 B0924DA I1=OFLOCKKY

03.00 B0621DA I2=START

0010.00.00 NMULTDIV INV AA
01.00 B2125R O1=NMULTDIV

02.00 B2123R I1=DIVFF MULTFF *
02.01 01 B2119DA B2218DA

02.02 0009

0012.00.00 MORDEPCA INV AA
01.00 B1319R O1=MORDEPCA

02.00 B2023R I1=NMULTDIV EPC4FN *
02.01 01 B2226DA B2227DA

02.02 0011

0015.00.00 RESTCFCD INV AA
01.00 B1420R O1=RESTCFCD

02.00 B1525R I1=(NCFORCD RESET *)
02.01 01 B1925R B1519DA
02.02 02 B1623R

02.03 0013 0014

0017.00.00 NCFORCD INV AA
01.00 B1820R O1=NCFORCD

02.00 B1724C I1=COMFUNFF COMDI6FF *
02.01 01 B1718DA B1322DA

02.02 0016

```

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

0020.00.00	ADD	INV	AA			
01.00	C1218R	01=NADD				
02.00	C1320R	I1=ADINSIGN	ADINDIV	ADINMULT *	CRYOFLFN *	
02.01	01	C1018DA	C1302D*	C0604D*		
02.02	02					
02.03		0018	0019			
0022.00.00	ADINSIGN	INV	AA			
01.00	C1021R*	01=ADINSIGN				
02.00	C0925R	I1=EPCSTPN	ADDSUBFN	SGNCNTFN *		
02.01	01	C0421DA	C0926DA	C0926DA		
02.02		0021				
0024.00.00	ADVEPC	COG	AB			
01.00	D2529R	01=ADVEPC				
02.00	D2927DA	I1=ADINMULT				
03.00	D2128DA	I2=HOME				
04.00	D2428DA	I3=ALSHILY				
05.00	D2127DA	I4=ADIR2DIV				
0026.00.00	CFSDPS	INV	AB			
01.00	B0511R	01=CFSDPS				
02.00	B0613R	I1=CFSFN	DPSFN *			
02.01	01	B0506DA	B0515DA			
02.02		0025				
0027.00.00	ENTDIVST	INV	AA			
01.00	B0209R	01=ENTDIVST				
02.00	B0520R	I1=MULTFF				
0028.00.00	MULTSET	INV	AA			
01.00	B0607R	01=MULTSET				
02.00	B0519R	I1=MULTFN				
0030.00.00	OVERFLOW	INV	AB			
01.00	D2933R	01=OVERFLOW				
02.00	D2893R	I1=OVERFLWFN	ALSHILY	EPC2FF	EPC4FF *	
02.01	01	D2930DA	D2931DA	D2922DA	D2924DA	
02.02		0029				

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

0032.00.00	EPCZERO	INV	AA						
01.00	D1615R	01=EPCZERO							
02.00	D1522R	I1=EPC4FF	EPC2FF	EPC1FF	CRYOFLFF				
02.01	01	D1625DA	D1624DA	D1621DA	D1620D*				
02.02		0031							
0034.00.00	EPCSTP7	INV	AA						
01.00	D2519R	01=EPCSTP7							
02.00	D2615R	I1=EPC1FN	EPC4FN	EPC2FN					
02.01	01	D2520*	D2525DA	D2523DA					
02.02		0033							
0035.00.00	EPCSTP7N	INV	AA						
01.00	D2319R	01=EPCSTP7N							
02.00	D2413DA	I1=EPCSTP7							
0036.00.00	EPCSTP6N	INV	AA						
01.00	D1909R	01=EPCSTP6N							
02.00	D2005R	I1=(EPC2FN	EPC4FN	EPC1FF					
02.01	01	D2124DA	D2126DA	D2121DA					
02.02	02			D2205R					
02.03		0036 0037							
0040.00.00	ADINDIV	INV	AA						
01.00	D1519R	01=ADINDIV							
02.00	D1612R	I1=EPC4FN	EPC2FF	EPC1FN	DIVFN	DPCZERO			
02.01	01	D1726DA	D1723DA	D1722DA	D1812DA	D2012DA			
02.02		0039							
0042.00.00	ADIMULT	INV	AA						
01.00	D2309R	01=ADIMULT							
02.00	D2405R	I1=EPC4FN	EPC2FF	EPC1FN	MULTFN	DCTRZERO			
02.01	01	D2326DA	D2323DA	D2322DA	D2403DA	D1106DA			
02.02		0041							
0044.00.00	AD1R2DIV	INV	AA						
01.00	D1919R	01=AD1R2DIV							
02.00	D2015R	I1=EPC1FF	EPC2FF	EPC4FN	CRYOFLFF	DIVFN			
02.01	01	D1921DA	D1923DA	D1926DA	D1913DA	D1713DA			
02.02		0043							

F R I D E N I N C.
FC/130 LOGIC SCHEMATIC

Handwritten notes:
D.A. ...
...

0059.00.00	ADVDP	AA			
01.00	C0735R	01=ADVDP			
02.00	C1134DA	I1=DPCZERO			
03.00	C1135DA	I2=HOME			
04.00	C0821D*	I3=NSHILT			
0061.00.00	ENTSHILT	AA			
01.00	D1415R	01=ENTSHILT			
02.00	D1322R	I1=CFSDPS	DPSDPCZ	EPCSTP7N	COMDIGFN *
02.01	01	D1327DA	D1124DA	D1424DA	D1123DA
02.02		0060			
0063.00.00	SHILTM	AA			
01.00	D1319R	01=SHILTM			
02.00	D1412R	I1=NMULTDIV	EPCSTP6N	DPCZERO	*
02.01	01	D1311D*	D2011D*	D1611D*	
02.02		0062			
0065.00.00	NSH2LT	AA			
01.00	D1309R	01=NSH2LT			
02.00	D1404R	I1=SH2LTMUL	ADINDIV	*	
02.01	01	D2402DA	D1403DA		
02.02		0064			
0067.00.00	NSHILT	AB			
01.00	D1135R	01=NSHILT			
02.00	D1233R	I1=SHILTM	ENTSHILT	ALSHILT	*
02.01	01	D1226DA	D1229DA	D1230DA	
02.02		0066			
0068.00.00	NA1R2DIV	AB			
01.00	D1215R	01=NA1R2DIV			
02.00	D1121R	I1=AD1R2DIV			
0070.00.00	NSUB	AA			
01.00	D1119R	01=NSUB			
02.00	D1212R	I1=SUBDIV5G	AD1R2DIV*		
02.01	01	D1211D*	D1222DA		
02.02		0069			

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

0072.00.00	SROC0115	INV	AB							
01.00	D0735R	01=SROC0115								
02.00	D0833R	I1=NSUB		NROTIME						
02.01	01	D0829DA		D0730DA						
02.02		0071								
0073.00.00	SUB	INV	AA							
01.00	D0917R*	01=SUB								
02.00	D1010DA	I1=NSUR								
0076.00.00	OVRFLWLT	INV	AA							
01.00	C1518*	01=OVRFLWLT								
02.00	C1715Q*	I1=OVRFLWFN								
0087.00.00	SHDNATOC	INV	AB							
01.00	C2315R	01=SHDNATOC								
02.00	C2413R	I1=(MULTDIV		(EPCSTP6N	SHFDW4FN	GTIMEFF	*)	(EPCSTP6N	STOREFN	
02.01	01	C1509DA		C1909DA	C2609DA	C2208DA	C2209DA	C1907DA	C1706DA	
02.02	02								C2308DC	
02.03				NROTIME	*)	(EPC4FF	EPC1FF	NRLTIME	*)	
02.04	01	C2107DA		D2325DA	D2324DA	D2321DA		D1902DA		
02.05	02									C0707D*
02.06		0085	0084	0083	0050	0086				
0094.00.00	SHUPATON	INV	AA							
01.00	D0116R*	01=SHUPATOD								
02.00	D0111R	I1=(EPCSTP6N		RECALLFN	ROTIME	*)		(EPCSTP6N	REPEATFN	*)
02.01	01	D0406DA		D0109DA	D0104DA			D0409D*	D0413D*	
02.02	02							D0208DC		D0209D*
02.03		0069	0090	0093						
0096.00.00	SHUPDT0B	INV	AA							
01.00	D0326R*	01=SHUPDT0B								
02.00	D0422R*	I1=(EPCSTP6N		GTIMEFF	RECALLFN	*)		(EPCSTP6N	REPEATFN	RI TIME
02.01	01	D0407DA		D0107DA	D0106DA			D0410DA	D0411DA	D0304DA
02.02	02									D0306DC
02.03		0088	0091	0092						

D0309DC

F R I D E N I M C.
EC/130 LOGIC SCHEMATIC

```

0114.00.00 ENBRWRTM INV AA
01.00 C2521R 01=ENBRWRTM

02.00 C2523R I1=ENRTAT0Z MULTFN *
02.01 01 C2322DA C1822D*

02.02 0111

0115.00.00 ENABBT0C INV AB
01.00 F2328R 01=ENABBT0C

02.00 F2526R I1=SHDNAT0C *
02.01 01 C2314D*

02.02 011R

02.03 INV 011R HAS 2 INPUTS * I2 BEING A DIODE TO CO TIME

0117.00.00 SHFTBTOC INV AA
01.00 F2332R 01=SHFTBTOC

02.00 F2631R I1=ENABBT0C NB15TIME *
02.01 01 F2429DA F2529DA

02.02 0116

0120.00.00 SHFTAT0C INV AD
01.00 F2423R 01=SHFTAT0C

02.00 F2526R I1=SHDNAT0C * NB15TIME C15TIME *
02.01 01 C2314D*
02.02 02 F2426DA F2425DA F2501D*

02.03 011R 0119

02.04 INV 011R HAS 2 INPUTS * I2 BEING A DIODE TO CO TIME

0124.00.00 SHFTAT0D INV AA
01.00 F2406R 01=SHFTAT0D

02.00 F2305R I1=(SHUPAT0D COMPARE ENSHAUDB *) * NB15TIME *
02.01 01 D0117DA D0216DA D0220R*
02.02 02 U0222R*
02.03 03 F1905DA F2403DA

02.04 0121 0122 0123

```

F R I N I N C
EC/130 LOGIC SCHEMATIC

```

0127.00.00 SHFTATOB INV AB NB15TIME +
01.00 F2311R 01=SHFTATOB
02.00 F2313R I1=(SHUPDTOB ENSHADDB COMP +) F2416DA F2415DA
02.01 01 D0228DA D0230DA D0233R
02.02 02 D0229DA D0231DA F2616R
02.03 03 D0229DA D0231DA F2416DA
02.04 04 D0229DA D0231DA F2415DA
02.05 0128 0129 0125 0126
02.06 INV 0129 HAS 2 INPUTS + 12 BEING A DIODE TO CO TIME

0131.00.00 SHFTDTOB INV AB NB15TIME +
01.00 F2409R 01=SHFTDTOB
02.00 F2611R I1=(SHUPDTOB ENABBTOC ENSHADDB COMP +) F2514DA F2513DA
02.01 01 D0228DA D0229DA D0231DA D0230DA D0233R
02.02 02 D0228DA D0229DA D0231DA D0230DA F2514DA
02.03 03 D0228DA D0229DA D0231DA D0230DA F2513DA
02.04 0128 0129 0130
0137.00.00 SETBRW INV AB READAMP +
01.00 C2634R 01=SETBRW
02.00 C2530R I1=(SROC0115 COMP +) F2514DA F2513DA
02.01 01 D0530DA D0529DA D0633R
02.02 02 C2329DA C2430DA
02.03 03
02.04 0132 0133 0136
0139.00.00 ADVD INV AB SETBRW +)
01.00 F1401R 01=ADVD
02.00 F0903R I1=((MULTFN NADD NC15TIME DCTRZERO NR1TIME+) F2513DA
02.01 01 D1005D* D0609D* D1006DA D1209D* D1207DA D0611R
02.02 02 D0611R C2433DA **0400** F1202C
02.03 03
02.04 04
02.05 0134 0135 0400 0138
02.06 CHECK OUTPUT OF 0137 FOR SETBRW

0141.00.00 RESETA INV AB SROC0115 NB15TIME MANDDB6M +
01.00 E0631R 01=RESETA
02.00 E0330R I1=(NR0TIME C0C1C15T NADD +) F2513DA
02.01 01 D0720D* D0718DA D0717DA D0622R*
02.02 02 E0132DA E0427DA E0326DA E0131DA
02.03 03
02.04 04
02.05 0074 0095 0140

```

F R I D E N I N C .
EC/130 LOGIC SCHEMATIC

0145.00.00	RESETD	AA							
01.00	F2206R	01=RESETD							
02.00	F2110R	I1=(EPCSTP6N COMDIGFN NROTIME CFSFN	C2015R	D0726DA	D0727DA	D0926DA			
02.01	01	C2211DA C1701DA C2010DA C2212DA							
02.02	02								
02.03	03								
02.04	04								
02.05	05								
02.06		NB15TIME *							
02.07	05	F2212DA							
02.08		0102 0103 0142 0143 0144							
0147.00.00	SMFTD0A	AA							
01.00	E0619R	01=SHFTD0A							
02.00	E0623R	I1=NSUB NB15TIME NROTIME C0C1C15T *							
02.01	01	E0617DA E0526DA E0625DA E0616DA							
02.02		0146							
0149.00.00	ENRSTCRY	AA							
01.00	E0101R	01=ENRSTCRY							
02.00	E0610R	I1=(ENRSTCRY CRYBRWFF *)	NADD	C0C1C15T	NROTIME	NB15TIME *			
02.01	01	E0311DA E0305DA							
02.02	02								
02.03	03								
02.04		0150 0151 0146							
0155.00.00	ADVA	AA							
01.00	E0601R	01=ADVA							
02.00	E0505R	I1=(READAMP							
02.01	01	E0112DA							
02.02	02								
02.03	03								
02.04		0152 0153 0154							
0157.00.00	ENSETBRW	AB							
01.00	C1326R	01=ENSETBRW							
02.00	C1325R	I1=ENRSTBRW							
02.01	01	C1426D*							
02.02		0156							

D0811R
F2211DA

SHLTOFLW COMP

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

0159.00.00	ENRSTBRW	INV	AB				
01.00	C1727R	01=ENRSTBRW					
02.00	C1622R*	I1=ACTRN9	NSUB				
02.01	01	C1520DA	C1619DA				
02.02		015A					
0163.00.00	ACTRN9	INV	AA				
01.00	C1534R	01=ACTRN9					
02.00	C1629R	I1=(ACTR5FN	ACTR4FF	*)			
02.01	01	C1531DA	C1530DA				
02.02	02						C1830R
02.03		0161	0162				
0166.00.00	DCTRZERO	INV	AA				
01.00	F1502R	01=DCTRZERO					
02.00	F1805R	I1=DCTP5FF	DCTR1FF				
02.01	01	F2006DA	F1701DA				
02.02		0165					
0167.00.00	DCTRZER	INV	AA				
01.00	F1501R	01=NDCTRZER					
02.00	F1603R	I1=DCTRZERO					
0173.00.00	NB15TIME	INV	AA				
01.00	G1207R	01=NB15TIME					
02.00	G1405R	I1=(ATIMEFN	BTIMEFN	CTIMEFN	DTIMEFN	*)	
02.01	01	G1201DA	G0907DA	G1202DA	G1203DA		
02.02	02						01301R
02.03		0171	0172				
0185.00.00	B14B15T	INV	AA				
01.00	G2611R	01=B14B15T					
02.00	G2616R*	I1=BTIMEFN	CTIMEFN	DTIMEFN			
02.01	01	G2519DA	G2519D*	G2519D*			
02.02		0184					
0187.00.00	B0B1T	INV	AA				
01.00	G2411R	01=B0B1T					
02.00	G2323R	I1=BTIMEFF	CTIMEFF	DTIMEFF			
02.01	01	G222D*	G223DA	G2325DA			
02.02		0186					

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

0207.00.00	K1TIME	INV	AA				
01.00	G1935R*	01=	R1TIME				
02.00	G1933R*	I1=	GTIMEFF	E1TIMEFF	F1TIMEFF		*
02.01	01	G1734D*	G1733D*	G1736D*			
02.02							
0208.00.00	NR1TIME	INV	AB				
01.00	G1934R*	01=	NR1TIME				
02.00	G2036R*	I1=	R1TIME				
0210.00.00	ROT1TIME	INV	AA				
01.00	G1824R	01=	ROT1TIME				
02.00	G1719C*	I1=	E1TIMEFN	G1TIMEFN			*
02.01	01	G1520DA	G1320DA				
02.02							
0211.00.00	HR1TIME	INV	AA				
01.00	G1622R	01=	NR1TIME				
02.00	G1826R	I1=	ROT1TIME				
0213.00.00	C1TIME	INV	AA				
01.00	H1306R	01=	C1TIME				
02.00	H1408P	I1=	HTIMEFN	J1TIMEFF	K1TIMEFF	L1TIMEFF	*
02.01	01	H1316DA	H1313DA	H1311DA	H1314DA		
02.02							
0214.00.00	HC1TIME	INV	AA				
01.00	H1203R	01=	NC1TIME				
02.00	H1008DA	I1=	C1TIME				
0216.00.00	C2TIME	INV	AA				
01.00	H1206R	01=	C2TIME				
02.00	H1208R	I1=	HTIMEFF	J1TIMEFN	K1TIMEFF	L1TIMEFF	*
02.01	01	H1114DA	H1317DA	H1312DA	H1315DA		
03.02							
0220.00.00	CO1TIME	INV	AA				
01.00	H0906R	01=	CO1TIME				
02.00	H1007P	I1=	LTIMEFF	KTIMEFF	HTIMEFF	J1TIMEFF	*
02.01	01	H0914DA	H0912DA	H0915DA	H0913DA		
02.02							

F R I D E N I N G.
FC/130 LOGIC SCHEMATIC

0300.00.00 SHLTCFLW SOG AA
** 01.00 **0300** 01=SHLTCFLW

** 02.00 **0300** I1=(SHLTM D
02.01 01 D1029DA
02.02 02 D1029DA

02.03 0105 0107

** 03.00 **0300** I2=(HOME
03.01 01 D1425DA
03.02 02 D1425DA

03.03 0109 0109

ELEMENT 0300 IS A SPECIAL OR GATE WITH THE COLLECTORS OF 0107
AND 0109 TIED TOGETHER WITH A COMMON COLLECTOR RESISTOR

NSHLLT NC15TIME HCME +)*
D1030DA D1028DA D1033D*
D1034R

NC15TIME NSH2LT DPSFN +)*
D1018DA D1009D* D0708DA
D1022R*

F R I D E N I M C.
FC/130 LOGIC SCHEMATIC

0500.00.00	BLANK	S05	A3																		
**	01.00	**0500**	01=BLANK																		
**	02.00	**0500**	I1=(ATIMEFN	BTIMEFN	CTIMEFN	+))															
	02.01	01	G2531D*	G2532D*	G2533D*	G25330C*															
	02.02	02																			
	02.03		OR I	0199	0200																
**	03.00	**0500**	I2=(ATIMEFF	BTIMEFF	CTIMEFF	+))															
	03.01	01	G2431D*	G2331D*	G2332D*	G24299*															
	03.02	02																			
	03.03		OR I	0202	0203																
**	04.00	**0500**	I3=((DISCONFF	MINUSSGN+)	(DCTR5FF	NROTIME	JCTR4FN	+	(DECPY	FTIMEFN											
	04.01	01	G2136DA	G2436D*	G0826DA	G0A24DA	50825DA	G0626DA	G0727DC	G0626DA	G0624DA										
	04.02	02			G2235D*																
	04.03	01			(GTIMEFF	DTIMEFN	DTIMEFF	DCTR1FF	+	(MINUSSGN											
	04.04	02			G1033DA	G1027DA	G1031DA	G1034DA	G0930DC	G1430DA											
	04.05				G0527DC																
	04.06	01	ETI EFN	DCTR2FF	DCTR1FN	+															
	04.07	01	G1433DA	G1432DA	G1434DA	G0233DA	G0424DA	G0426DA	G0326DC	(FTIMEFF											
	04.08	02								G0427DA	G0834DA	G0832DA	G0729DC								
	04.09	01	ETIMEFN	DTIMEFN	DCTR3FF	DCTR1FN	+														
	04.10	02	G0232DA	G0231DA	G0234DA	G0233DA	G0833DA	G0831DA	G0326DC	DCTR2FN	DCTR3FN	DCTR1FN									
	04.11									G0427DA	G0834DA	G0832DA									
	04.12	01	(FTIMEFN	DTIMEFF	DCTR5FF	DCTR4FN	+														
	04.13	02	G1024DA	G1028DA	G1027DA	G1026DA	G0432DA	G0431DA	G0430DA	DCTR5FN	DCTR3FN	DCTR4FF									
	04.14									G0434DA	G0430DA	G0333DC									
	04.15	01	(NROTIME	DCTR3FN	DCTR2FF	+															
	04.16	02	G0226DA	G0225DA	G0224DA	G1226DA	G1224DA	G1230DA	G1128DC	DCTR2FF	DCTR3FN	DCTR2FF									
	04.17									G1227DA	G1229DA	G1227DA									
	04.18	01	(DCTR2FN	DCTR5FN	FTIMEFF	DTIMEFN	+														
	04.19	02	G0630DA	G0634DA	G0631DA	G0632DA	G0633DA	G1626DA	G0528DC	DCTR5FN	DCTR3FN	DCTR2FF									
	04.20									G1624DA	G1625DA	G1527DC									
	04.21	01	(CTIMEFN	GTIMEFF	FTIMEFN	DTIMEFN	DCTR4FF	DCTR3FN	+	(MINUSSGN	NROTIME	DTIMEFF									
	04.22	02	G1630DA	G1633DA	G1628DA	G1632DA	G1631DA	G1634DA	EPCZERO	G1626DA	G1624DA	G1625DA									
	04.23	02																			
	04.24	03								G1529DC	G2132D*	G2130C*									

0201 0240 0234 0235 0236 0237 0238 0239 0241 0242 0243 0244 0248 0249 0247 0250 0204
ELEMENT 0500 IS A SPECIAL OR GATE WITH THE COLLECTORS OF ELEMENT 200 203 204 TIED
TOGETHER WITH A COMMON COLLECTOR RESISTOR

F R I D E N I R C.
 EC/130 LOGIC SCHEMATIC

```

0600.00.00 C0C1C15T SOG      AB
** 01.00 **0600** O1=C0C1C15T

** 02.00 **0600** I1=(JTIMEFF KTIMEFF LTIMEFF +)
02.01 01 H1112DA H1111DA H1113DA
02.02 02
02.03 0217 0216

** 03.00 **0600** I2=(NC15TIME DIVFF +)
03.01 01 G2605DA G2406DA
03.02 02 G25040
03.03 0232 0233

03.04
03.05 ELEMENT 0600 IS A SPECIAL OR GATE WITH THE COLLECTORS OF ELEMENTS 0216 0233 TIED
      TOGETHER WITH A COMMON COLLECTOR RESISTOR

1010.00.00 STARTFF      AB
01.00 00902R O1=STARTFF
02.00 00702R O2=STARTFN

02.00 01007DA R1=STARTFF KBPULGEN
02.01 01 00906R B1008C
03.02 1011

04.00 00707DA S2=STARTKEY
04.01 OVERRIDE

1020.00.00 ADDSUBFF      AB
01.00 02520R O1=ADDSUBFF
02.00 02420R O2=ADDSUBFN

03.00 02326DA S1=ADDSUBKY KBPULGEN
03.01 01 02626R B2327C
03.02 1021

04.00 02319DA R2=RESTCFCO
04.01 OVERRIDE
  
```

W1207R

F R I D E N I N C .
FC/130 LOGIC SCHEMATIC

1030.00.00	SHFDWIFF	AB			
01.00	E0911R	01=SHFDWIFF			
02.00	E0811R	02=SHFDWIFN			
03.00	E0718DA	S1=SHFDWIFN	ADDSUBFF		
03.01	01	B0820R	B0819C		
03.02		1031			
04.00	E1019DA	S2=CLRENTKY	KBPULGEN		
04.01	01	B0920R	B0721C		
04.02		1032			
05.00	E1018DA	S3=SHFDWIFN	OVRFLWFN		
05.01	01	B0921R	B0922C		
05.02		1033			
06.00	E0717DA	S4=SHFDWIFN	STOREFF		
06.01	01	B0822R	B0917C		
06.02		1034			
07.00	E0710DA	R5=RESTCFCO			
07.01		CVERRIDE			
1040.00.00	STOREFF	AR			
01.00	E1311R	01=STOREFF			
02.00	E1211R	02=STOREFN			
03.00	E1117DA	S1=STOREKY	KBPULGEN		
03.01	01	B1417R	B1116C		
03.02		1041			
04.00	E1110DA	R2=RESTCFCO			
04.01		CVERRIDE			
1050.00.00	CHGSGNFF	AB			
01.00	E1611R	01=CHGSGNFN			
02.00	E1517DA	S1=CHGSGNKY	KBPULGEN		
02.01	01	B1817R	B1618C		
02.02		1051			
03.00	E1510DA	R2=RESTCFCO			
03.01		CVERRIDE			

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

1060.00.00	REPEATFF	AB			
01.00	B2011R	01=REPEATFN			
02.00	61917DA	S1=REPEATKY	KBPULGEN		
02.01	01	B2217R	B1918C		
02.02		1061			
03.00	61910DA	R2=RESTCFCD			
03.01		OVERRIDE			
1070.00.00	RECALLFF	AR			
01.00	B2411R	01=RECALLFN			
02.00	62317DA	S1=RECALLKY	KBPULGEN		
02.01	01	B2517R	B2318C		
02.02		1071			
03.00	62310DA	R2=RESTCFCD			
03.01		OVERRIDE			
1080.00.00	DIVFF	AR			
01.00	B2102R	01=DIVFF			
02.00	B2002R	02=DIVFN			
03.00	61906DA	S1=DIVKY	KBPULGEN		
03.01	01	B2106P	B2207C		
03.02		1081			
04.00	61901DA	R2=RESTCFCD			
04.01		OVERRIDE			
1090.00.00	MULTFF	AB			
01.00	62502R	01=MULTFF			
02.00	62402R	02=MULTFN			
03.00	62306DA	S1=MULTKY	KBPULGEN		
03.01	01	B2606R	B2307C		
03.02		1091			
04.00	62301DA	R2=RESTCFCD			
04.01		OVERRIDE			

F R I D E N I N C .
EC/130 LOGIC SCHEMATIC

1100.00.00	COMFUNFF	AB			
01.00	B1702R	01=COMFUNFF			
02.00	B1602R	02=COMFUNFN			
03.00	B1506DA	S1=COMFUNFN SHFDWNFF			
03.01	01	B1706R B1707C			
03.02		1101			
04.00	B1507DA	S2=COMFUNSW KBPULGEN			
04.01	01	B1606R B1609C			
04.02		1102			
05.00	B1609DA	R3=OVERFLOW HOME			
05.01	01	B2009R B2209C			
05.02		1103			
06.00	B1808DA	R4=EPCSTP7 HOME			
06.01	01	B2008R B2208C			
06.02		1104			
07.00	B1501DA	R5=RESET			
07.01		OVERRIDE			
1110.00.00	COMDIGFF	AB			
01.00	B1302R	01=COMDIGFF			
02.00	B1202R	02=COMDIGFN			
03.00	B1107DA	S1=COMDIGSW KBPULGEN			
03.01	01	B1106R B1409C			
03.02		1111			
04.00	B1106DA	S2=DECPTKY CFSDPS			
04.01	01	B1406R B1407C			
04.02		1112			
05.00	B1408DA	R3=EPCSTP7 HOME			
05.01	01	B2008R B2208C			
05.02		1104			
06.00	B1101DA	R4=RESET			
06.01		OVERRIDE			

F R I D E N I H C.
FC/130 LOGIC SCHEMATIC

1120.00.00	CFSFF	AB	
01.00	B0302R	01=CFSFF	
02.00	B0202R	02=CFSFN	
03.00	B0106DA	S1=CFSFN	COMFUNFF .
03.01	01	B0206R	B0207C
03.02		1121	
04.00	B0406DA	R2=CFSFF	COMDIGFN .
04.01	01	B0308R	B0307C
04.02		1122	
05.00	B0101DA	S3=RESET	
05.01		OVERRIDE	
1130.00.00	DPSFF	AB	
01.00	B0311R	01=DPSFF	
02.00	B0211R	02=DPSFN	
03.00	B0117DA	S1=DPSFN	CFSFF .
03.01	01	B0219R	B0218C
03.02		1131	
04.00	B0120DA	S2=DECTKY	KBPULGEN .
04.01	01	B0423R	B0224C
04.02		1132	
05.00	B0121DA	S3=DPCZERO	MORDEPCA .
05.01	01	B0222R	B0223C
05.02		1133	
06.00	B0417DA	R4=DPSFF	COMFUNFN .
06.01	01	B0320R	B0321C
06.02		1134	
07.00	B0418DA	R5=DPSFF	MANDDSGN .
07.01	01	B0319R	B0322C
07.02		1135	
08.00	B0110DA	R6=RESET	
08.01		OVERRIDE	

F R I D E N I A C
EC/130 LOGIC SCHEMATIC

1140.00.00	SGNCNTFF	AC					
01.00	C2134R	O1=SGNCNTFF					
02.00	C2034R	O2=SGNCNTFN					
03.00	C1926DA	S1=HOME	ADDSUBFF *	SGACNTFN *			
03.01	01	C1117DA	C1821D*				
03.02	02		C1823C*	C2023R			
03.03		0004	1141				
04.00	C1925DA	S2=(EPCSTP6	FTIMEFF	ADDSUBFN	NCITIME	READAMP	*)*
04.01	01	C1437D*	C1435D*	C0927DA	C1418DA	C1429D*	
04.02	02						C1227R*
04.03	03						C2024R
04.04		0007	0006	1142			C2021C
05.00	C2225DA	R3=(EPCSTP6	FTIMEFF	ADDSUBFN	NCITIME	READAMP	*)*
05.01	01	C1437D*	C1435D*	C0927DA	C1418DA	C1429D*	
05.02	02						C1227R*
05.03	03						C2124R
05.04		0007	0006	1143			C2121C
06.00	C2226DA	R4=SUBXY	ADDSUBFF *				
06.01	01	C2223R	C2222C				
06.02			1144				

F R I D E N I N C .
 FC/130 LOGIC SCHEMATIC

1150.00.00	EPC4FF	AC	
01.00	D1535R	O1=EPC4FF	
02.00	D1435R	O2=EPC4FN	
03.00	D1426DA	S1=NMULTDIV	EPC2FF
03.01	01	D1326R	D1626C
03.02		1151	
04.00	D1430DA	S2=EPC4FN	EPC2FN
04.01	01	D1331R	D1429C
04.02		1152	
05.00	D1630DA	R3=EPC4FF	EPC2FN
05.01	01	D1531R	D1529C
05.02		1153	
06.00	D1628DA	R4=SHLTD	HOME
06.01	01	D1527R	D2027C
06.02		1154	
07.00	D1827DA	R5=NCFORCD	
07.01		OVERRIDE	
1160.00.00	EPC2FF	AB	
01.00	D1935R	O1=EPC2FF	
02.00	D1835R	O2=EPC2FN	
03.00	D1831DA	S1=EPC2FN	EPC1FN
03.01	01	D1730R	D1829C
03.02		1161	
04.00	D20317A	R2=EPC2FF	EPC1FN
04.01	01	D1930R	D1929C
04.02		1162	
05.00	D1826DA	R3=NCFORCD	
05.01		OVERRIDE	

F R I D E N I N C .
EC/130 LOGIC SCHEMATIC

1170.00.00	EPC1FF	AR		
01.00	D2335R	01=EPC1FF		
02.00	D2235R	02=EPC1FN		
03.00	D2231DA	S1=EPC1FN	ADVEPC	
03.01	01	D2130R	D2229C	
03.02		1171		
04.00	D2431DA	R2=EPC1FF	ADVEPC	
04.01	01	D2330R	D2329C	
04.02		1172		
05.00	D1928DA	R3=NCFORCD		
05.01		VERRIDE		
1180.00.00	DPC8FF	AB		
01.00	C0234R	01=DPC8FF		
02.00	C0334R	02=DPC8FN		
03.00	C0125DA	S1=DPS10	DPSFF	
03.01	01	C0123R	C0124C	
03.02		1181		
04.00	C0425DA	S2=DPS14	DPSFF	
04.01	01	C0423R	C0424C	
04.02		1182		
05.00	C0428DA	S3=DPC8FN	DPC4FN	
05.01	01	C0228R	C0326C	
05.02		1183		
06.00	C0127DA	R4=DPC8FF	DPC4FN	
06.01	01	C0327R	C0226C	
06.02		1184		
07.00	C0435DA	R5=RESET		
07.01		VERRIDE		

F R I D E N I N C.
FC/130 LOGIC SCHEMATIC

1190.00.00	DPC4FF	AB		
01.00	C0219R	01=DPC4FF		
02.00	C0319R	02=DPC4FN		
03.00	C0110DA	S1=DPS11	DPSFF	
03.01	01	C0209R*	C0210C*	
03.02		1191		
04.00	C0410D*	S2=DPS15	DPSFF	
04.01	01	C0308R*	C0309C*	
04.02		1192		
05.00	C0410DA	S3=MULTSET	MANDDSGN	
05.01	01	C0307R*	C0108C*	
05.02		1193		
06.00	C0412DA	S4=DPC4FN	DPC2FN	
06.01	01	C0212R	C0311C	
06.02		1194		
07.00	C0113DA	R5=DPC4FF	DPC2FF	
07.01	01	C0313R	C0211C	
07.02		1195		
08.00	C0421D*	R6=RESET		
0P.01		CVERRIDE		

F R I D E N I N C.
 FC/130 LOGIC SCHEMATIC

1200.00.00	DPC2FF						
01.00	C0619R	01=DPC2FF					
02.00	C0719R	02=DPC2FN					
03.00	C0510DA	S1=DPS12	DPSFF				
03.01	01	C0609R*	C0610C*				
03.02		1201					
04.00	C0610D*	S2=DPS16	DPSFF				
04.01	01	C0706R*	C0709C*				
04.02		1202					
05.00	C0610DA	S3=DIVFF	MANDSGN				
05.01	01	C0706R*	C0598C*				
05.02		1203					
06.00	C0612DA	S4=DPC2FN	DPC1FN				
06.01	01	C0612R	C0711C				
06.02		1204					
07.00	C0513DA	R5=DPC2FF	DPC1FN				
07.01	01	C0713R	C0611C				
07.02		1205					
08.00	C0521D*	R6=RESFY					
08.01		OVERRIDE					

F R I D E N I N C.
 EC/130 LOGIC SCHEMATIC

1210.00.00	DPC1FF	AB		
01.00	C0634R	01=DPC1FF		
02.00	C0734R	02=DPC1FN		
03.00	C0525DA	S1=DPS13	DPSFF	
03.01	01	C0523R	C0524C	
03.02		1211		
04.00	C0825DA	S2=DPS17	DPSFF	
04.01	01	C0823R	C0724C	
04.02		1212		
05.00	C0826DA	S3=DPC1FN	ADVDP	
05.01	01	C0726C	C0626R	
05.02		1211		
06.00	C0527DA	R4=DPC1FF	ADVDP	
06.01	01	C0626C	C0727R	
06.02		1214		
07.00	C0535DA	R5=RESET		
07.01		OVERRIDE		
1220.00.00	OVRFLWFF	AB		
01.00	C1416R	01=OVRFLWFN		
02.00	C1410D*	S1=ADINSIGN	CRYOFLFF	
02.01	01	C1317R	C1308C	
02.02		1221		
03.00	C1409D*	S2=NDCTRZER	SMLTOFLW	
03.01	01	C1607R	C1610C	
03.02		1222		
04.00	C1610D*	R3=CLRENTKY	NC1TIME	
04.01	01	C1809R	C1508C	
04.02		1223		
05.00	C1136DA	R4=RESET		
05.01		OVERRIDE		

F R I E N I C
EC/130 LOGIC SCHEMATIC

1230.00.00 CRYBRWFF AR
 01.00 E0119R 01=CRYBRWFF
 02.00 E0319R 02=CRYBRWFN

03.00 E0423DA S1=CRYBRWFN SETBRW
 03.01 01 E0425C E0424R
 03.02 1231

04.00 E0217DA S2=ENSETBRW ALVA
 04.01 01 E0218R E0615C*

04.02 1232

05.00 E0215DA R3=CRYBRWFF HOME
 05.01 01 E0126R E0130C

05.02 1233

06.00 E0214DA R4=ENRSTARW ADVA
 06.01 01 E0213R E0614C*

06.02 1234

07.00 E0415DA R5=ACTRN9 ENRSTCRY
 07.01 01 E0417R E0316C

07.02 1235

08.00 E0216DA R6=ENBRWRTH RESETA
 08.01 01 E0129R E0127C

08.02 1236

09.00 C0505D* R7=RESET

09.01 OVERRIDE

1240.00.00 CRYOFLFF AR
 01.00 C1116R 01=CRYOFLFF
 02.00 C1016R 02=CRYOFLFN

03.00 C1010D* S1=CRYOFLFF HOME
 03.01 01 C1207DA C1007DA
 03.02 02 C1008C C0909R

03.03 0160 1241

04.00 C1210D* R2=CRYOFLFF HOME
 04.01 01 C1109R C1108C

04.02 1242

05.00 C0905DA R3=RESET

05.01 OVERRIDE

F R I D E N I N C .
EC/130 LOGIC SCHEMATIC

1250.00.00	ACTR5FF	AR	
01.00	E0719R	01=ACTR5FF	
02.00	E1019R	02=ACTR5FN	
03.00	E0925DA	S1=ACTR4FF	ADVA
03.01	01	E1029R	E1030C*
03.02		1251	
04.00	E0926DA	S2=DCTR5FF	SHFTD10A
04.01	01	E0730R	E0731C
04.02		1252	
05.00	E0625DA	R3=ACTR4FN	ADVA
05.01	01	E1031R	E0732C
05.02		1253	
06.00	E0326DA	R4=DCTR5FN	SHFTD10A
06.01	01	E1027R	E1028C*
06.02		1254	
07.00	E0827DA	R5=ACTR5FF	RESETA
07.01	01	E0729R	E0728C
07.02		1255	

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

1260.00.00	ACTR4FF	AD			
01.00	E1218R	01=ACTR4FF			
02.00	E1418R	02=ACTD4FN			
03.00	E1325DA	S1=ACTR3FF	ADVA		
03.01	01	E1429R	E1430C		
03.02		1261			
04.00	E1326DA	S2=DCTR4FF	SHFTDTC A		
04.01	01	E1130R	E1131C		
04.02		1262			
05.00	E1225DA	R3=ACTR3FN	ADVA		
05.01	01	E1431R	E1132C		
05.02		1263			
06.00	E1226DA	R4=DCTR4FN	SHFTDTC A		
06.01	01	E1427R	E1428C		
06.02		1264			
07.00	E1227DA	R5=ACTR4FF	RESETA		
07.01	01	E1129R	E1128C		
07.02		1265			

F R I D E N I N C.
FC/130 LOGIC SCHEMATIC

1270.00.00	ACTR3FF	AB		
01.00	E1618R	O1=ACTR3FF		
02.00	E1818R	O2=ACTR3FN		
03.00	E1725DA	S1=ACTR2FF	ADVA	
03.01	01	E1829R	E1830C	
03.02		1271		
04.00	E1726DA	S2=DCTR3FF	SHFTD70A	
04.01	01	E1530R	E1531C	
04.02		1272		
05.00	E1625DA	R3=ACTR2FN	ADVA	
05.01	01	E1831R	E1532C	
05.02		1273		
06.00	E1626DA	R4=DCTR3FN	SHFTD70A	
06.01	01	E1827R	E1828C	
06.02		1274		
07.00	E1627DA	R5=ACTR3FF	RESETA	
07.01	01	E1529R	E1528C	
07.02		1275		

F R I D E N I A C.
FC/130 LOGIC SCHEMATIC

1280.00.00	ACTR2FF	AR		
01.00	E2018R	01=ACTR2FF		
02.00	E2218R	02=ACT=2FN		
03.00	E2125DA	S1=ACTR1FF	ADVA	
03.01	01	E2229R	E2230C	
03.02		1281		
04.00	E2126DA	S2=DCT-2FF	SHFTD70A	
04.01	01	E1930R	E1931C	
04.02		1282		
05.00	E2025DA	R3=ACTR1FF	ADVA	
05.01	01	E2231R	E1932C	
05.02		1283		
06.00	E2026DA	R4=DCTR2FN	SHFTD70A	
06.01	01	E2227R	E2228C	
06.02		1284		
07.00	E2027DA	R5=ACTR2FF	RESETA	
07.01	01	E1929R	E1928C	
07.02		1285		

F R I D E N I H C.
EC/130 LOGIC SCHEMATIC

1290.00.00	ACTR1FF	AC			
01.00	E2418R	01=ACTR1FF			
02.00	E2618R	02=ACTR1FN			
03.00	E2527DA	S1=ENSTAT01	RESETA	*	
03.01	01	E2628R	E2624C		
03.02		1291			
04.00	E2526DA	S2=DCTR1FF	SHFTD10A	*	
04.01	01	E2330R	E2331C		
04.02		1292			
05.00	E2525DA	S3=ACTR5FN	ADVA	*	
05.01	01	E2633R	E2632C		
05.02		1293			
06.00	E2427DA	R4=ENRTATOZ	RESETA	*	
06.01	01	E2328R	E2329C		
06.02		1294			
07.00	E2426DA	R5=DCTR1FN	SHFTD10A	*	
07.01	01	E2630R	E2631C		
07.02		1295			
08.00	E2425DA	R6=ACTR5FF	ADVA	*	
08.01	01	E2333R	E2332C		
08.02		1296			

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

1300.00.00	DCTR5FF	AB		
01.00	E0702R	01=DCTR5FF		
02.00	E1002R	02=DCTR5FN		
03.00	F0911DA	S1=DCTR1FN	ADVD	
03.01	01	E1012R	E0711C	
03.02		1301		
04.00	E0909DA	S2=ACTR5FF	SHFTATOD	
04.01	01	E0717R	E1016C	
04.02		1302		
05.00	L0910DA	S3=CRYBRWFF	RESETD	
05.01	01	E1014R	E1013C	
05.02		1303		
06.00	L0908DA	S4=DIG5T9S	ENTSHILT	
06.01	01	E1017R	E1217C	
06.02		1304		
07.00	L0610DA	R5=DCTR1FF	ADVD	
07.01	01	E0713R	E0712C	
07.02		1305		
08.00	L0608DA	R6=ACTR5FN	SHFTATOD	
08.01	01	E1015R	E0716C	
08.02		1306		
09.00	E0809DA	R7=CRYBRWFF	RESETD	
09.01	01	E0715R	E0714C	
09.02		1307		
10.00	E0733DA	R8=ENRESTD5	HOME	
10.01	01	E1033R	E0934C*	
10.02		1308		

F R I D E N I N C.
 EC/130 LOGIC SCHEMATIC

1310.00.00	UCTR4FF	AR	
01.00	E1102R	O1=DCTR4FF	
02.00	E1402R	O2=DCTR4FN	
03.00	E1310DA	S1=DCTR5FF	ADVD
03.01	01	E1411R	E1412C
03.02		1311	
04.00	E1309DA	S2=ACTR4FF	SHFTATOD
04.01	01	E1216R	E1115C
04.02		1312	
05.00	E1308DA	S3=DIG4T8SW	ENTSHILT
05.01	01	E1415R	E1416C
05.02		1313	
06.00	E1209DA	R4=DCTR5FN	ADVD
06.01	01	E1114R	E1112C
06.02		1314	
07.00	E1208DA	R5=ACTR4FN	SHFTATOD
07.01	01	E1413R	E1414C
07.02		1315	
08.00	E1210DA	R6=DCTR4FF	RESETD
08.01	01	E1111R	E1113C
08.02		1316	

F R I D E N I N C .
EC/130 LOGIC SCHEMATIC

1320.00.00	DCTR3FF	AB	
01.00	E1502R	01=DCTR3FF	
02.00	E1602R	02=DCTR3FN	
03.00	E1710DA	S1=DCTS4FF	ADVD
03.01	01	E1811R	E1812C
03.02		1321	
04.00	E1709DA	S2=ACT3FF	SHFTATOD
04.01	01	E1616R	E1515C
04.02		1322	
05.00	E1708DA	S3=DIG3T7SW	ENTSHILT
05.01	01	E1806C	E1815R
05.02		1323	
06.00	E1609DA	R4=DCTR4FN	ADVD
06.01	01	E1514R	E1512C
06.02		1324	
07.00	E1608DA	R5=ACTR3FN	SHFTATOD
07.01	01	E1813R	E1814C
07.02		1325	
08.00	E1610DA	R6=DCTR3FF	RESETD
08.01	01	E1511R	E1513C
08.02		1326	

F R I D E N I N C.
EC/130 LOGIC SCHEMATIC

1330.00.00	DCTR2FF	AB			
01.00	E1902R	01=DCTR2FF			
02.00	E2202R	02=DCTR2FN			
03.00	E2110DA	S1=DCTR3FF	ADVD		
03.01	01	E2211R	E2212C		
03.02		1331			
04.00	E2109DA	S2=ACTR2FF	SHFTATOD		
04.01	01	E2016R	E1915C		
04.02		1332			
05.00	E2108DA	S3=DIG2T6S	ENTSH1LT		
05.01	01	E2215R	E2216C		
05.02		1333			
06.00	E2009DA	R4=DCT03FN	ADVD		
06.01	01	E1914R	E1912C		
06.02		1334			
07.00	E2008DA	R5=ACTR2FN	SHFTATOD		
07.01	01	E2213R	E2214C		
07.02		1335			
08.00	E2010DA	R6=DCTR2FF	RESETD		
08.01	01	E1911R	E1913C		
08.02		1336			

F R I D E N I
EC/110 LOGIC SCHEMATIC

1340.00.00	ACTP1FF	AP	
01.00	E2302R	01=DCTP1FF	
02.00	E2602R	02=DCTP1FN	
03.00	E2510DA	S1=LCT-2FF	ADVD
03.01	01	E2611P	E2612C
03.02		1341	
04.00	E2509DA	S2=ACTP1FF	SHFTATOD
04.01	01	E2416R	E2315C
04.02		1342	
05.00	E2509DA	S3=DIGIT5SW	ENTSKLLT
05.01	01	E2615R	E2616C
05.02		1343	
06.00	E2409DA	R4=DCTP2FN	ADVD
06.01	01	E2314R	E2312C
06.02		1344	
07.00	E2409DA	R5=ACTP1FN	SHFTATOD
07.01	01	E2613R	E2614C
07.02		1345	
08.00	E2410DA	R6=DCTP1FF	RESETD
08.01	01	E2311R	E2313C
08.02		1346	

F R I D E N I N G.
FC/130 LOGIC SCHEMATIC

1350.00.00	ECTR5FF	AR		
01.00	F2016R	01=BCTR5FF		
02.00	F1718R	02=BCT5FN		
03.00	F1911DA	S1=ACTR5FF	SHFTATOB .	
03.01	01	F2009R	F2010C	
03.02		1351		
04.00	F1912DA	S2=DCT5FF	SHFTDTOB .	
04.01	01	F2007R	F2008C	
04.02		1352		
05.00	F1611DA	R3=ACTR5FN	SHFTATOB .	
05.01	01	F1709R	F1710C	
05.02		1353		
06.00	F1612DA	R4=DCTR5FN	SHFTDTOB .	
06.01	01	F1707R	F1708C	
06.02		1354		
1360.00.00	ECT4FF	As		
01.00	F1616R	01=BCTR4FF		
02.00	F1318R	02=BCT4FN		
03.00	F1511DA	S1=ACTR4FF	SHFTATOB .	
03.01	01	F1609R	F1610C	
03.02		1361		
04.00	F1512DA	S2=DCTR4FF	SHFTDTOB .	
04.01	01	F1607R	F1608C	
04.02		1362		
05.00	F1411DA	R3=ACTR4FN	SHFTATOB .	
05.01	01	F1309R	F1310C	
05.02		1363		
06.00	F1412DA	R4=DCTR4FN	SHFTDTOB .	
06.01	01	F1307R	F1308C	
06.02		1364		

F I D E N I T I A L
EC/110 LOGIC SCHEMATIC

1370.00.00 ECTP3FF AP
 01.00 F1216P 01=BCTK3FF
 02.00 F0918P 02=RCTR3FN
 03.00 F1111DA S1=ACTR3FF SHFTATOB .
 03.01 01 F1209R F1210C

03.02 1371
 04.00 F1112MA S2=DCTR3FF SHFTDTOB .
 04.01 01 F1207R F1208C

04.02 1372
 05.00 F1011DA R3=ACTR3FN SHFTATOB .
 05.01 01 F0909R F0910C

05.02 1373
 06.00 F1012DA R4=DCTR3FN SHFTDTOB .
 06.01 01 F0907R F0908C

06.02 1374

1380.00.00 ECTR2FF AH
 01.00 F0818R 01=BCTK2FF
 02.00 F0518R 02=BCTR2FN

03.00 F0711DA S1=ACTR2FF SHFTATOB .
 03.01 01 F0809R F0810C

03.02 1381
 04.00 F0712DA S2=DCTR2FF SHFTDTOB .
 04.01 01 F0807R F0808C

04.02 1382
 05.00 F0611DA R3=ACTR2FN SHFTATOB .
 05.01 01 F0509R F0510C

05.02 1383
 06.00 F0612DA R4=DCTR2FN SHFTDTOB .
 06.01 01 F0507R F0508C

06.02 1384

07.00 F0606DA R9=DTI-EFF DCTR2FN + C1TIME .
 07.01 01 F0604DA F0704DA
 07.02 02 F0505C F0706R

07.03 0164 1385

F R I D E N I R G
FC/130 LOGIC SCHEMATIC

1390.00.00	ECTRIFF								
01.00	F0418P	01=ECTRIFF							
02.00	F0118P	02=ECTRIFF							
03.00	F0311DA	S1=ACTIFF	SHFTATOB						
03.01	01	F0409P	F0410C						
03.02		1391							
04.00	F0312DA	S2=ECTRIFF	SHFTDIOB						
04.01	01	F0407R	F0405C						
04.02		1392							
05.00	F0211DA	R3=ACTRIFF	SHFTATOB						
05.01	01	F0109P	F0110C						
05.02		1393							
06.00	F0212DA	R4=ECTRIFF	SHFTDIOB						
06.01	01	F0107P	F0108C						
06.02		1394							
07.00	F0206DA	R5=LTIVEFF	RCTR2FN						
07.01	01	F0604DA	F0704DA						
07.02	02		F0105C						
07.03		0164	1395						

CITIME

F0404R

F R I D E N I N G
EC/1:0 LOGIC SCHEMATIC

1400.00.00	CCTR5FF	AC		
01.00	F2033R	01=CCTR5FF		
02.00	F1733R	02=CCTR5FN		
03.00	F1924DA	S1=BCTR5FF	SHFTBTOC	.
03.01	01	F2019R	F2020C	
03.02		1401		
04.00	F1923DA	S2=ACTR5FF	SHFTATOC	.
04.01	01	F2021R	F2022C	
04.02		1402		
05.00	F1927DA	S3=CCTR1FN	ADVC	.
05.01	01	F2025R	F1725C	
05.02		1403		
06.00	F1824DA	R4=BCTR5FN	SHFTBTOC	.
06.01	01	F1719R	F1720C	
06.02		1404		
07.00	F1823DA	R5=ACTR5FN	SHFTATOC	.
07.01	01	F1721R	F1722C	
07.02		1405		
08.00	F1827DA	R6=CCTR1FF	ADVC	.
08.01	01	F2026R	F1726C	
08.02		1406		

F R I D E N I N C .
FC/130 LOGIC SCHEMATIC

1410.00.00	CCTR4FF	AB			
01.00	F1633R	01=CCTR4FF			
02.00	F1333R	02=CCTR4FN			
03.00	F1524DA	S1=BCTR4FF	SHFTBTOC .		
03.01	01	F1619R	F1620C		
03.02		1411			
04.00	F1523DA	S2=ACTR4FF	SHFTATOC .		
04.01	01	F1621R	F1622C		
04.02		1412			
05.00	F1527DA	S3=CCTR5FF	ADVC .		
05.01	01	F1625R	F1325C		
05.02		1413			
06.00	F1424DA	R4=BCTR4FN	SHFTBTOC .		
06.01	01	F1319R	F1320C		
06.02		1414			
07.00	F1423DA	R5=ACTR4FN	SHFTATOC .		
07.01	01	F1321R	F1322C		
07.02		1415			
08.00	F1427DA	R6=CCTR5FN	ADVC .		
08.01	01	F1626R	F1326C		
08.02		1416			

F R I D E N I N C.
EC/1.30 LOGIC SCHEMATIC

1420.00.00	CCTR3FF		Ar
01.00	F1233R	01=CCT3FF	
02.00	F0933R	02=CCTR3FN	
03.00	F1124DA	S1=BCTR3FF	SHFTBTOC .
03.01	01	F1219R	F1220C
03.02		1421	
04.00	F1123DA	S2=ACTR3FF	SHFTATOC .
04.01	01	F1221R	F1222C
04.02		1422	
05.00	F1127DA	S3=CCTR4FF	ADVC .
05.01	01	F1225R	F0925C
05.02		1423	
06.00	F1024DA	R4=BCTR3FN	SHFTBTOC .
06.01	01	F0919R	F0920C
06.02		1424	
07.00	F1023DA	R5=ACTR3FN	SHFTATOC .
07.01	01	F0921R	F0922C
07.02		1425	
08.00	F1027DA	R6=CCT34FN	ADVC .
08.01	01	F1226R	F0926C
0A.02		1426	

F R I D E N I N C.
FC/130 LOGIC SCHEMATIC

1430.00.00	CCTR2FF				
01.00	F0833P	01=CCTR2FF			
02.00	F0533R	02=CCTR2FN			
03.00	F0724DA	S1=BCTR2FF	SHFTBTOC		
03.01	01	F0819R	F0820C		
03.02		1431			
04.00	F0723DA	S2=ACTR2FF	SHFTATOC		
04.01	01	F0621R	F0822C		
04.02		1432			
05.00	F0727DA	S3=CCTR3FF	ADVC		
05.01	01	F0825R	F0525C		
05.02		1433			
06.00	F0624DA	R4=BCTR2FN	SHFTBTOC		
06.01	01	F0519R	F0520C		
06.02		1434			
07.00	F0623DA	R5=ACTR2FN	SHFTATOC		
07.01	01	F0521R	F0522C		
07.02		1435			
08.00	F0627DA	R6=CCTR3FN	ADVC		
08.01	01	F0826R	F0526C		
08.02		1436			

F R I D E N I N C .
EC/130 LOGIC SCHEMATIC

```
1440.00.00 CCTRLFF      AC  
01.00 F0433R      O1=CCTRLFF  
02.00 F0133R      O2=CCTRLFN  
03.00 F0324DA      S1=BCTRLFF SHFTATOC .  
03.01 01          F0419R      F0420C  
03.02          1441  
04.00 F0323DA      S2=ACTR1FF SHFTATOC .  
04.01 01          F0421R      F0422C  
04.02          1442  
05.00 F0327DA      S3=CCTR2FF  ADVC      .  
05.01 01          F0425R      F0125C  
05.02          1443  
06.00 F0224DA      R4=BCT:1FN  SHFTATOC .  
06.01 01          F0119R      F0120C  
06.02          1444  
07.00 F0227DA      R6=CCTR2FN  ADVC      .  
07.01 01          F0426R      F0125C  
07.02          1445  
08.00 F0223DA      R5=ACTR1FN  SHFTATOC .  
08.01 01          F0121P      F0122C  
08.02          1445  
1450.00.00 USCNTFF      AB  
01.00 H0136R      O1=H0ME  
02.00 F0435R      O2=NH0ME  
03.00 H0429DA      S1=NH0ME    LTIMEFN .  
03.01 01          H0328R      H0327C  
03.02          1451  
04.00 F0129DA      R2=H0ME     ADVA      .  
04.01 01          H0228R      H0227C  
04.02          1452  
05.00 F0326DA      R3=START  
05.01          1452  
                OVERRIDE
```

F R I D E N I K C.
EC/130 LOGIC SCHEMATIC

1460.00.00 CLOCKFF
 01.00 P0735R AB
 02.00 W0936R
 03.00 H1029DA OSC
 03.01 01 H0336DA H0529DA
 03.02 02
 03.03 03
 03.04 016A 0169 1461
 04.00 H0729DA OSC
 04.01 01 H0336DA H0529DA
 04.02 02
 04.03 03
 04.04 016A 0169 1462

1470.00.00 ATIMEFF
 01.00 H1135R AB
 02.00 H1435R
 03.00 H1429DA S1=ATIMEFN CLOCKFN
 03.01 01 H1428R H1325C
 03.02 1471
 04.00 H1129DA R2=ATIMEFF CLOCKFN
 04.01 01 H1226R H1226C
 04.02 1472

** 05.00 **1470** S R3=NHOME
 05.01 01 H0524DA
 05.02 0170
 05.03 OVERRIDE

+) * CLOCKFN
 H0632R H1026C H1027R
 H0726C H0827R

F R I D E N I N C .
EC/130 LOGIC SCHEMATIC

1480.00.00	CTIMEFF								
01.00	F1535R	01=BTIMEFF							
02.00	F1835R	02=BTIMEFN							
03.00	F1629DA	S1=BTIMEFN	ATIMEFN						
03.01	01	H1828R	H1725C						
03.02		1481							
04.00	F1529DA	R2=BTIMEFF	ATIMEFN						
04.01	01	H1628R	H1626C						
04.02		1462							
**	05.00	**1450**	R3=NHOME						
	05.01	01	H0324DA						
05.02		017C							
05.03		OVERRIDE							
1490.00.00	CTIMEFF								
01.00	F1935R	01=CTIMEFF							
02.00	H2235R	02=CTIMEFN							
03.00	H2229DA	S1=CTIMEFN	BTIMEFN						
03.01	01	H2228R	H2127C						
03.02		1491							
04.00	H1929DA	R2=CTIMEFF	BTIMEFN						
04.01	01	H2028R	H2027C						
04.02		1492							
1500.00.00	DTIMEFF								
01.00	H2436R	01=DTIMEFF							
02.00	H2635R	02=DTIMEFN							
03.00	H2629DA	S1=DTIMEFN	CTIMEFN						
03.01	01	H2628R	H2527C						
03.02		1501							
04.00	H2329DA	R2=DTIMEFF	CTIMEFN						
04.01	01	H2428R	H2427C						
04.02		1502							

F R I D E N I N S.
FC/130 LOGIC SCHEMATIC

1510.00.00	ETIMEFF	AR	
01.00	F2424R	O1=ETIMEFF	
02.00	F2623R	O2=ETIMEFN	
03.00	F2617DA	S1=ETIMEFN	DTIMEFN
03.01	01	H2616R	H2615C
03.02		1511	
04.00	H2317DA	R2=ETIMEFF	DTIMEFN
04.01	01	H2416R	H2415C
04.02		1512	
1520.00.00	FTIMEFF	AP	
01.00	F2024R	O1=FTIMEFF	
02.00	F2223R	O2=FTIMEFN	
03.00	F1324C	S1=GTIMEFN	
03.01	01	H1416C	
03.02		0205	
04.00	F2217DA	S2=FTIMEFN	ETIMEFN
04.01	01	H2216R	H2215C
04.02		1522	
05.00	H1917DA	R3=FTIMEFF	ETIMEFN
05.01	01	H2016R	H2015C
05.02		1523	
1530.00.00	GTIMEFF	AB	
01.00	H1624R	O1=GTIMEFF	
02.00	H1623R	O2=GTIMEFN	
03.00	H1817DA	S1=GTIMEFN	FTIMEFN
03.01	01	H1816R	H1815C
03.02		1531	
04.00	H1517DA	R2=GTIMEFF	FTIMEFN
04.01	01	H1616R	H1615C
04.02		1532	
05.00	H0736C	R3=NH0ME	

F R I D E N I V C
EC/130 LOGIC SCHEMATIC

1540.00.00	HTIMEFF	AR		
01.00	F1023R	01=HTIMEFF		
02.00	H1223R	02=HTIMEFN		
03.00	F1217DA	S1=GTIMEFN	HTIMEFN	
03.01	01	H1418C		
03.02	02	H1215C	H1116P	
03.03		0205 1541		
04.00	H0917DA	R2=GTIMEFN	HTIMEFF	
04.01	01	H1418C		
04.02	02	H0715C	H1018P	
04.03		0205 1542		
1550.00.00	JTIMEFF	AC		
01.00	H0523R	01=JTIMEFF		
02.00	F0823R	02=JTIMEFN		
03.00	F0818DA	S1=JTIMEFN	HTIMEFN	
03.01	01	H0717R	H1025C	
03.02		1551		
04.00	F0617DA	R2=JTIMEFF	HTIMEFN	
04.01	01	H0518R	H0825C	
04.02		1552		
1560.00.00	KTIMEFF	AR		
01.00	H0614R	01=KTIMEFF		
02.00	F0714R	02=KTIMEFN		
03.00	H0807DA	S1=KTIMEFN	JTIMEFN	
03.01	01	H0706R	H0705C	
03.02		1561		
04.00	H0607DA	R2=KTIMEFF	JTIMEFN	
04.01	01	H0608R	H0605C	
04.02		1562		

F R I N I N G
EC/130 LOGIC SCHEMATIC

1570.00.00	LTIMEFF	AB			
01.00	F0209P	01=LTIMEFF			
02.00	H0210R	02=LTIMEFN			
03.00	F0403DA	S1=LTIMEFN	KTIMEFN		
03.01	01	H0304R	H0310C		
03.02		1571			
04.00	H0203DA	R2=LTIMEFF	KTIMEFN		
04.01	01	H0204R	H0202C		
04.02		1572			
1580.00.00	NTIMEFF	AB			
01.00	F2314P	01=NTIMEFF			
02.00	F2614P	02=NTIMEFN			
03.00	F2607DA	S1=NTIMEFN	LTIMEFN		
03.01	01	H2506R	H2505C		
03.02		1581			
04.00	F2407DA	R2=NTIMEFF	LTIMEFN		
04.01	01	H2306R	H2305C		
04.02		1582			
05.00	F1700R	R3=REGINTFF			
1590.00.00	NTIMEFF	A2			
01.00	F1914R	01=NTIMEFF			
02.00	F2114R	02=NTIMEFN			
03.00	F2207DA	S1=NTIMEFN	MIMEFN		
03.01	01	H2106R	H2205C		
03.02		1591			
04.00	F2007DA	R2=NTIMEFF	MIMEFN		
04.01	01	H1906R	H1905C		
04.02		1592			
1600.00.00	LISCONFF	AC			
01.00	G2109R	01=LISCONFF			
02.00	G1913DA	S1=C2TIME	NCOMPARE		
02.01	01	G1915R	G2014C		
02.02		1601			
03.00	G2113DA	R2=C15TIME	NCOMPARE		
03.01	01	G2215R	G2114C		
03.02		1602			

F R I D E N I A C.
EC/130 LOGIC SCHEMATIC

1610.00.00	REGINTFF	AB
01.00	H1514R	01=REGINTFF
02.00	H1814C	02=REGINTFN
03.00	H1507DA	S1=REGINTFF NTIMEFN .
03.01	01	H1606R H1806C
03.02		1611
04.00	H1511DA	02=REGINTFN LTIMEFN .
04.01	01	H1512R H1613C
04.02		1612

S-307
R-ROBT

FRIDEN EC 130 CALCULATOR

COMPUTER PRINTOUT

SECTION III - CONSTRUCTION FILE

F R I D E N I N C
EC/130 CONSTRUCTION FILE

ADD
REVISED
DATE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0001.000.0	B 006 005	D	A	2	1		0223292	11	1N662	GATE
	001.0	B 005 001	R			1		0223403		6.8K OHM 5PC 1/2W	LOAD
	002.0	B 005 004	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	003.0	B 005 003	R			1		0223403		6.8K OHM 5PC 1/2W	COUPLING
	004.0					1					
	005.0	B 006 006	R		2	1		0804044		22K OHM 5PC 1/2W	BIAS
	006.0					1					
	007.0	B 057 021	Q	B	1	1		0223297		2N1305	INV
	008.0			C		1					
	009.0	B 006 002	R		2			0223257	01	10K OHM 5PC 1/2W	LOAD TO P10 11
AB	0004.000.0	B 008 023	R		2	1		0804037		330 OHM 5PC 1/2W	
	000.1					1					
	001.0	B 057 117	Q	B	1	1		0223297		2N1305	
	002.0			C		1					
	003.0	B 006 023	D	A	2	1		0223292		1N662	
	004.0	B 007 024	D	A				0223292		1N662	
	005.0	B 008 024	D	C		1			01		
	006.0	B 005 024	R			1		0223253		2.2K OHM 5PC 1/2W	
	007.0	B 026 018	S		2	1		0803214		TEST POINT	KBPULGFN
	008.0					1					
	009.0	B 014 026	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING FROM P11 C
	010.0	B 013 023	R					0804044		22K OHM 5PC 1/2W	BIAS
	011.0	B 106 117	Q	B	1	1		0223297		2N1305	
	012.0	B 013 025	R					0223326		15K OHM 5PC 1/2W	LOAD FROM P11A
	013.0	B 013 024	R					0804037		330 OHM 5PC 1/2W	
	014.0	B 107 107	C		3			0804099		2 MFD 50V ELECTROLYTIC	MINUS PLUS
	015.0	B 093 107			3						
	016.0	B 012 024	R		2			0804034		220 OHM 5PC 1/2W	
	017.0	B 074 117	Q	B	1	1		0804008		2N1304	
	018.0			C		1					
	019.0	B 009 023	R					0804044		22K OHM 5PC 1/2W	
	020.0					1					
AA	0005.000.0	B 009 024	D	A		1		0223292	11	1N662	GATE FROM P10 16
	001.0			C		1					
	002.0	B 006 021	D	A	2	1		0223292	12	1N662	GATE
	003.0	B 011 020	R			1		0223403		6.8K OHM 5PC 1/2W	LOAD
	004.0	B 090 117	Q	B	1	1		0804008		2N1304	EF TO P10 1A
	005.0			E		1					
	006.0	B 012 022	R		2			0804048		6.8K OHM 5PC 1/2W	
	007.0	B 011 021	R			1		0223401	01	4.7K OHM 5PC 1/2W	LOAD
	008.0	B 023 006	S		1	1		0803214		TEST POINT	RESET
	009.0					1					
AA	0006.000.0	C 074 128			3	1	FH0000000			FEED THROUGH HOLE	FROM P9 9
	001.0	C 011 017	D	A		1		0223292	11	1N662	GATE
	002.0	C 156 069	D	A	2	1		0223292	12	1N662	GATE
	003.0	C		C		1					
	004.0	C 017 019	R					0223328		33K OHM 5PC 1/2W	
	005.0	C 017 020	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0007.000.0	C 179 119			3	1	FH0000000			FEED THROUGH HOLE	
	001.0	C 123 119	D	A	2	1		0223292	11	1N662	GATE
	002.0	C 172 115			3	1	FH0000000			FEED THROUGH HOLE	FROM P8 5
	003.0	C 123 113	D	A	2	1		0223292	12	1N662	GATE
	004.0	C 009 027	D	A		1		0223292	13	1N662	GATE FROM P9 K
	005.0	C 014 018	D	A	2	1		0223292	14	1N662	GATE
	006.0			C		1					
	007.0	C 128 124			3	1	FH0000000			FEED THROUGH HOLE	FROM P8 21
	008.0	C 123 093	D	A	2	1		0223292	15	1N662	GATE
	009.0			C		1					
	010.0	C 013 033	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0008.000.0	C 106 086	R		2	1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0								1		
	002.0	C 106 089	C	2	1	1		0804076		100 PF 10PC 300V MICA	SPEED UP
	003.0								1		
	004.0	C 094 092	R		1	1		0804044		22K OHM 5PC 1/2W	BIAS
	005.0	C 106 083	D	A	2	1		0223292		1N662	CLAMP
	006.0	C 012 021	Q	B	1			0804111		2N2635	INV
	007.0								1		
	008.0	C 106 080	R		2	1	1	0223358		27K OHM 5PC 1/2W	
	009.0	C 012 021	R		2	1		0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0009.000.0	B 021 019	D	A		1		0223292	11	1N662	GATE
	001.0	B 022 018	D	A	2	1		0223292	12	1N662	GATE
	002.0					1					
	003.0	B 021 020	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
	004.0					1					
AA	0010.000.0	B 021 023	R			1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	B 022 024	R		2			0804044		22K OHM 5PC 1/2W	BIAS
	003.0	B 189 101	Q	B	1	1	1	0223297		2N1305	INV
	004.0					1					
	005.0	B 021 025	R			1		0223257	01	10K OHM 5PC 1/2W	LOAD TO P11 15
	006.0					1					
AA	0011.000.0	B 022 026	D	A	2	1		0223292	11	1N662	GATE
	001.0	B				1					
	002.0	B 022 027	D	A	2			0223292	12	1N662	GATE FROM P11 U
	003.0	B 020 020	R		2	1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0012.000.0	B 020 023	R		2	1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	B 019 024	C			1		0804079		330 PF 10PC 300V MICA	SPEED UP
	003.0	B 019 027	R			1		0804044		22K OHM 5PC 1/2W	BIAS
	004.0	B 160 101	Q	B	1	1		0223297		2N1305	INV
	005.0	B 013 021	R			1		0223328		33K OHM 5PC 1/2W	
	006.0	B 013 019	R			1		0223257	01	10K OHM 5PC 1/2W	LOAD
	007.0					1					
AA	0013.000.0	B 019 025	R			1		0223328	11	33K OHM 5PC 1/2W	GATE
	001.0	B 019 026	D	A		1		0223292		1N662	GATE
	002.0	B 018 027	C		2			0804092		.01 MFD 10PC 200V FILM	GATE
	003.0	B 016 027	C		2	1					
	004.0	B 015 019	D	A		1		0223292	12	1N662	GATE
	005.0					1					
	006.0	B 016 020	R		2	1		0223393	01	12K OHM 5PC 1/2W	LOAD
	007.0					1					
AA	0014.000.0	B 016 023	R		2	1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	B 016 024	R		2			0804044		22K OHM 5PC 1/2W	BIAS
	003.0	B 128 101	Q	B	1	1		0223297		2N1305	INV
	004.0					1					
	005.0	B 014 018	R		2	1		0223388	01	3.3K OHM 5PC 1/2W	LOAD
	006.0					1					
AA	0015.000.0	B 015 025	R			1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	B 016 026	C		2	1		0804081		470 PF 10PC 200V FILM	SPEED UP
	003.0	B 018 026	R		2	1		0223328		33K OHM 5PC 1/2W	BIAS TO P11 5
	004.0	B 140 101	Q	B	1	1	1	0223297		2N1305	INV
	005.0	B 014 020	R		2			0223353	01	8.2K OHM 5PC 1/2W	LOAD
	006.0					1					
AA	0016.000.0	B 017 018	D	A		1		0223292	11	1N662	GATE
	001.0	B 013 022	D	A		1		0223292	12	1N662	GATE
	002.0	B 017 019	R			1		0223353	01	8.2K OHM 5PC 1/2W	LOAD
AA	0017.000.0	B 017 024	C			1		0804079	11	330 PF 10PC 300V MICA	SPEED UP

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF- LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	B 017	023	R				1 0223403		6.8K OHM 5PC 1/2W	COUPLING
	002.0							1			
	003.0	B 018	025	R				2 1 0804044		22K OHM 5PC 1/2W	BIAS
	004.0	B 196	101	Q	B	1	1	1 0223297		2N1305	INV
	005.0							1			
	007.0	B 018	020	R				2 1 0223353	01	8.2K OHM 5PC 1/2W	LOAD TO P11 7
AA	0018.000	0.0	C 010	018	D	A	2	1 0223292	11	1N662	GATE
	001.0	D 126	003					3 1 FH0000000		FEED THROUGH HOLE	
	002.0	C 108	003					3 1 FH0000000		FEED THROUGH HOLE	
	003.0	C 111	008	D	A			1 0223292	12	1N662	GATE
	004.0							1			
	005.0	D 198	003					3 1 FH0000000		FEED THROUGH HOLE	
	006.0	C 036	003					3 1 FH0000000		FEED THROUGH HOLE	
	007.0	C 040	014	D	A	2	1	1 0223292	13	1N662	GATE
	008.0	C 009	017	R				0223393	01	12K OHM 5PC 1/2W	LOAD
	009.0							1			
AA	0019.000	0.0	C 013	019	D	A		1 0223292	01	1N662	GATE
	001.0	C 014	019	D	C			1	11		
	002.0	C 009	002	D	A			1 0223292	12	1N662	GATE
	003.0							1			
	004.0	C 011	003	R				1 0223393		12K OHM 5PC 1/2W	LOAD
	005.0							1			
	006.0	C 012	002	D	A	2		1 0223292		1N662	GATE
	007.0							1			
AA	0020.000	0.0	C 013	020	R			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 123	069	R				2 1 0804044		22K OHM 5PC 1/2W	BIAS
	002.0	C 012	018	Q	B	1		0223297		2N1305	INV
	003.0							1			
	004.0	C 012	018	R				2 1 0223257	01	10K OHM 5PC 1/2W	LOAD
	005.0							1			
	006.0	C 106	120					3 1 FH0000000		FEED THROUGH HOLE	
AA	0021.000	0.0	C 004	021	D	A	2	1 0223292	11	1N662	GATE
	001.0	C 009	026	D	A			0223292	12	1N662	GATE
	002.0	C 009	028	D	A			0223292	13	1N662	GATE
	003.0	C 008	021	R				2 0223326	01	15K OHM 5PC 1/2W	LOAD
AA	0022.000	0.0	C 009	025	R			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 010	021	R				2 1 0804044		22K OHM 5PC 1/2W	BIAS
	002.0	C 010	021	Q	B	1		0223297		2N1305	INV
	003.0	C 090	067	R				2 1 1 0223257	01	10K OHM 5PC 1/2W	LOAD
	004.0							1			
AC	0023.000	0.0	D 201	003				3 1 FH0000000		FEED THROUGH HOLE	
	001.0	C 033	003					3 1 FH0000000		FEED THROUGH HOLE	
	002.0	C 040	017	D	A	2		1 1 0223292	11	1N662	GATE
	003.0	C 021	001	D	A			1 0223292	12	1N662	GATE
	003.1	C 057	014	R				2 1 1 0223393	01	12K OHM 5PC 1/2W	LOAD
	003.2							1			
AA	0024.000	0.0	D 023	027	D	A		1 0223292	11	1N662	GATE
	001.0	D 021	028	D	A			0223292	12	1N662	GATE
	002.0	D 024	028	D	A	2		1 0223292	13	1N662	GATE
	003.0	D 021	027	D	A			1 0223292	14	1N662	GATE
	004.0	D 025	028	R				0223328		33K OHM 5PC 1/2W	
	005.0	D 025	029	R				0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0025.000	0.0	B 005	008	D	A		0223292	11	1N662	GATE
	001.0							1			
	002.0	B 005	015	D	A			0223292	12	1N662	GATE
	003.0	B 006	012	R				2 1 0223393	01	12K OHM 5PC 1/2W	LOAD
	004.0							1			
AB	0026.000	0.0	B 006	013	R			2 0223403	11	6.8K OHM 5PC 1/2W	COUPLING

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0								1		
	002.0	B 006	014	C			2	0804081		470 PF 10PC 200V FILM	SPEED UP
	003.0	B 005	016	R				0804044		22K OHM 5PC 1/2W	BIAS
	004.0	B 045	053	Q	B		1	0223297		2N1305	INV
	005.0	B 005	011	R				0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0027.000	B 005	020	R				0223326	11	15K OHM 5PC 1/2W	COUPLING
	001.0	B 005	018	R				0223328		33K OHM 5PC 1/2W	BIAS
	002.0	B 040	053	Q	B	1	1	0223297		2N1305	INV
	003.0				C						
	004.0	B 002	009	R			2	0223257	01	10K OHM 5PC 1/2W	LOAD TO P10 8
AA	0028.000	B 005	019	R				0223326	11	15K OHM 5PC 1/2W	COUPLING
	001.0										
	002.0	B 005	017	R				0223328		33K OHM 5PC 1/2W	BIAS
	003.0	B 057	053	Q	B	1	1	0223297		2N1305	INV
	004.0				C						
	005.0	B 006	007	R			2	0223257	01	10K OHM 5PC 1/2W	LOAD TO P10 12
	006.0										
AA	0029.000	C 045	123				3	FH0000000		FEED THROUGH HOLE	FROM P9 16
	001.0	D 192	003				3	FH0000000		FEED THROUGH HOLE	
	002.0	C 042	003				3	FH0000000		FEED THROUGH HOLE	
	003.0	C 017	007	S		1	1	0803214		TEST POINT	OVRFLWFN
	004.0										
	005.0	C 018	003				3	FH0000000		FEED THROUGH HOLE	
	006.0	D 216	003				3	FH0000000		FEED THROUGH HOLE	
	007.0	D 025	030	D	A		1	0223292	11	1N662	GATE
	008.0				C						
	009.0	D 025	031	D	A			0223292	12	1N662	GATE
	010.0	D 025	022	D	A			0223292	13	1N662	GATE
	011.0				C						
	012.0	D 025	024	D	A		1	0223292	14	1N662	GATE
	013.0				C						
	014.0	D 025	034	R				0223326	01	15K OHM 5PC 1/2W	LOAD
	015.0										
AA	0030.000	D 026	033	R			2	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0										
	002.0	D 025	032	R				0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 025	034	Q	B		1	0223297		2N1305	INV
	004.0				C						
	005.0	D 025	035	R				0223257	01	10K OHM 5PC 1/2W	LOAD
	006.0										
	007.0	D 219	003				3	FH0000000		FEED THROUGH HOLE	
	008.0	C 015	003				3	FH0000000		FEED THROUGH HOLE	TO P9 X
AB	0031.000	D 016	025	D	A		2	0223292	11	1N662	GATE
	001.0				C						
	002.0	D 016	024	D	A		2	0223292	12	1N662	GATE
	003.0				C						
	004.0	D 016	021	D	A		2	0223292	13	1N662	GATE
	005.0	D 167	072				3	FH0000000		FEED THROUGH HOLE	
	005.1	D 156	074	D	A		2	0223292	14	1N662	GATE
	005.2				C						
	007.1	D 128	074	R			1	0223393	01	12K OHM 5PC 1/2W	LOAD
	007.2										
AA	0032.000	D 015	022	R				0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	000.1										
	001.0	D 015	023	R				0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 016	016	Q	B	1	1	0223297		2N1305	INV
	004.0				C						
	005.0	D 016	015	R			2	0223257	01	10K OHM 5PC 1/2W	LOAD
	006.0	D 138	007	S			1	0803214		TEST POINT	EPCZERO
	007.0										
	008.0	D 135	003				3	FH0000000		FEED THROUGH HOLE	

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	009.0	C 099 003		3	1			FH0000000		FEED THROUGH HOLE	TO P9 E
AA 0033.	000.0	D 211 073	D	A	1			0223292	11	1N662	GATE
	001.0			C	1						
	002.0	D 025 025	D	A				0223292	12	1N662	GATE
	003.0			C	1						
	004.0	D 025 023	D	A				0223292	13	1N662	GATE
	005.0			C	1						
	006.0	D 025 016	R					0223326	01	15K OHM 5PC 1/2W	LOAD
	007.0				1						
AA 0034.	000.0	D 026 015	R	2	1			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0				1						
	002.0	D 026 014	R	2	1			0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 025 016	Q	B	1			0223297		2N1305	INV
	004.0			C	1						
	005.0	D 025 019	R		1			0223353	01	8.2K OHM 5PC 1/2W	LOAD
	006.0				1						
	007.0	D 202 007	S	3	1	1		0803214		TEST POINT	EPCSTP7
	008.0				1						
	009.0	D 204 003		3	1			FH0000000		FEED THROUGH HOLE	
	010.0	C 030 003		3	1			FH0000000		FEED THROUGH HOLE	TO P9 S
AA 0035.	000.0	D 024 013	D	A	2	1		0223292	11	1N662	GATE
	001.0	D 024 016	R	2	1			0223393		12K OHM 5PC 1/2W	LOAD
	002.0	D 023 015	R		1			0223403		6.8K OHM 5PC 1/2W	COUPLING
	003.0	D 023 014	R					0804044		22K OHM 5PC 1/2W	BIAS
	004.0	D 023 016	Q	B	1			0223297		2N1305	INV
	005.0			C	1						
	006.0	D 023 019	R		1			0223257	01	10K OHM 5PC 1/2W	LOAD
	007.0				1						
	008.0	D 198 007	S	3	1	1		0803214		TEST POINT	EPCSTP7N
	009.0				1						
AA 0036.	000.0	D 021 024	D	A				0223292	11	1N662	GATE
	001.0			C	1						
	002.0	D 021 026	D	A				0223292	12	1N662	GATE
	003.0			C	1						
	004.0	D 021 021	D	A				0223292	13	1N662	GATE
	005.0			C	1						
	006.0	D 021 006	R					0223393	01	12K OHM 5PC 1/2W	LOAD
	007.0				1						
AA 0037.	000.0	D 022 005	R	2	1			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0				1						
	002.0	D 021 004	R					0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 021 006	Q	B	1			0223297		2N1305	INV
	004.0			C	1						
	005.0	D 021 009	R		1			0223401	01	4.7K OHM 5PC 1/2W	
	006.0				1						
AA 0038.	000.0	D 020 005	R	2	1			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0				1						
	002.0	D 019 004	R					0223328		33K OHM 5PC 1/2W	BIAS
	003.0	D 019 006	Q	B	1			0223297		2N1305	INV
	004.0			C	1						
	005.0	D 019 009	R		1			0223257	01	10K OHM 5PC 1/2W	LOAD
	006.0	D 170 006	S	3	1	1		0803214		TEST POINT	EPCSTP6N
	007.0				1						
AB 0039.	000.0	D 017 026	D	A		1		0223292	11	1N662	GATE
	001.0			C	1						
	002.0	D 017 023	D	A		1		0223292	12	1N662	GATE
	003.0			C	1						
	004.0	D 017 022	D	A		1		0223292	13	1N662	GATE
	005.0			C	1						
	006.0	D 018 012	D	A	2			0223292	14	1N662	GATE

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L O A P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	007.0			C	1			
	008.0	D 020 012	D	A 2	0223292	15	1N662	GATE
	009.0	D 015 014	R		0223393	01	12K OHM 5PC 1/2W	LOAD
	010.0				1			
AA 0040.	000.0	D 016 012	R	2	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	D 015 013	R		0804044		22K OHM 5PC 1/2W	BIAS
	002.0	D 015 016	Q	B	0223297		2N1305	INV
	003.0			C	1			
	004.0	D 015 019	R		0223257	01	10K OHM 5PC 1/2W	LOAD
	005.0				1			
AA 0041.	000.0	D 023 026	D	A	0223292	11	1N662	GATE
	001.0			C	1			
	002.0	D 023 023	D	A	0223292	12	1N662	GATE
	003.0			C	1			
	004.0	D 023 022	D	A	0223292	13	1N662	GATE
	005.0			C	1			
	006.0	D 075 003			3 1	FH0000000	FEED THROUGH HOLE	
	007.0	C 159 003			3 1	FH0000000	FEED THROUGH HOLE	
	008.0	D 210 003			3 1	FH0000000	FEED THROUGH HOLE	
	009.0	C 024 003			3 1	FH0000000	FEED THROUGH HOLE	
	010.0	C 002 001	S	1	1	0803214	TEST POINT	NMULT
	011.0				1			
	012.0	D 024 003	D	A 2	0223292	14	1N662	GATE
	013.0			C	1			
	014.0	C 171 123			3 1	FH0000000	FEED THROUGH HOLE	FROM P8 11
	015.0	D 051 003			3 1	FH0000000	FEED THROUGH HOLE	
	016.0	C 183 003			3 1	FH0000000	FEED THROUGH HOLE	
	017.0	C 141 003			3 1	FH0000000	FEED THROUGH HOLE	
	018.0	D 093 003			3 1	FH0000000	FEED THROUGH HOLE	
	019.0	D 098 012	S	1 1	1	0803214	TEST POINT	DCTRZERO
	020.0				1			
	021.0	D 011 008	D	A	0223292	15	1N662	GATE
	022.0	D 023 006	R		0223393	01	12K OHM 5PC 1/2W	LOAD
	023.0				1			
AA 0042.	000.0	D 024 005	R	2	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0				1			
	002.0	D 023 004	R		0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 023 006	Q	B	0223297		2N1305	INV
	004.0			C	1			
	005.0	D 023 009	R		0223257	01	10K OHM 5PC 1/2W	LOAD
	006.0				1			
	007.0	D 194 007	S	1 1	1	0803214	TEST POINT	ADINMULT
	008.0				1			
AA 0043.	000.0	D 019 021	D	A	0223292	11	1N662	GATE
	001.0			C	1			
	002.0	D 019 023	D	A	0223292	12	1N662	GATE
	003.0			C	1			
	004.0	D 019 026	D	A	0223292	13	1N662	GATE
	005.0			C	1			
	006.0	C 075 003			3 1	FH0000000	FEED THROUGH HOLE	
	007.0	D 159 003			3 1	FH0000000	FEED THROUGH HOLE	
	008.0	D 166 014	S	3 1	1	0803214	TEST POINT	CRYOFLFF
	009.0				1			
	010.0	D 019 013	D	A	0223292	14	1N662	GATE
	011.0			C	1			
	012.0	C 084 124			3 1	FH0000000	FEED THROUGH HOLE	FROM P9 7
	013.0	C 096 003			3 1	FH0000000	FEED THROUGH HOLE	
	014.0	C 087 003			3 1	FH0000000	FEED THROUGH HOLE	
	015.0	D 138 003			3 1	FH0000000	FEED THROUGH HOLE	
	016.0	D 147 003			3 1	FH0000000	FEED THROUGH HOLE	
	017.0	D 150 011	S	1 1	1	0803214	TEST POINT	DIVFN
	018.0				1			
	019.0	D 017 013	D	A	0223292	15	1N662	GATE

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	020.0	D 019 016	R					0223393	01 12K	OHM 5PC 1/2W	LOAD
	021.0							1			
AA	0044.000.0	D 020 015	R	2				0223403	11 6.8K	OHM 5PC 1/2W	COUPLING
	001.0							1			
	002.0	D 019 014	R					0804044	22K	OHM 5PC 1/2W	BIAS
	003.0	D 019 016	Q		B			0223297	2N1305		INV
	004.0				C			1			
	005.0	D 019 019	R					0223253	01 2.2K	OHM 5PC 1/2W	LOAD
	006.0							1			
AA	0045.000.0	D 019 022	D		A			0223292	11 1N662		GATF
	001.0				C			1			
	002.0	D 019 024	D		A			0223292	12 1N662		GATF
	003.0				C			1			
	004.0	D 019 025	D		A			0223292	13 1N662		GATF
	005.0				C			1			
	006.0	D 017 002	D		A			0223292	14 1N662		GATE
	007.0				C			1			
	008.0	D 018 006	R	2				0223393	01 12K	OHM 5PC 1/2W	LOAD
AA	0046.000.0	C 060 003						3 1 FH0000000		FFED THROUGH HOLE	
	001.0	D 174 003						3 1 FH0000000		FFED THROUGH HOLE	
	002.0	D 182 010	S	1	1			0803214		TFST POINT	NSURINSIGN
	003.0							1			
	004.0	D 019 003	D		A			0223292		1N662	GATE
	005.0	D 020 003	D		C			1		T1	
	006.0	D 018 003	D	A	2			0223292	01	1N662	GATE
	007.0	D 017 003	D		C			1		T2	
AA	0047.000.0	D 018 005	R	2				0223403	11 6.8K	OHM 5PC 1/2W	COUPLING
	001.0							1			
	002.0	D 017 004	R					0804044	22K	OHM 5PC 1/2W	BIAS
	003.0	D 017 006	Q		B			0223297	2N1305		INV
	004.0				C			1			
	005.0	D 017 009	R					0223257	01 10K	OHM 5PC 1/2W	LOAD
AA	0048.000.0	D 025 026	D		A			0223292	11 1N662		GATE
	001.0	D 025 027	D		A			0223292	12 1N662		GATE
	002.0	D 025 021	D		A			0223292	13 1N662		GATE
	002.1				C			1			
	003.0	D 025 003	D		A			0223292	14 1N662		GATE
	004.0				C			1			
	005.0	D 025 006	R					0223326	01 15K	OHM 5PC 1/2W	LOAD
	006.0							1			
AA	0049.000.0	D 026 005	R	2				0223403	11 6.8K	OHM 5PC 1/2W	COUPLING
	001.0							1			
	002.0	D 026 004	R	2				0804044	22K	OHM 5PC 1/2W	BIAS
	003.0	D 222 003						3 1 FH0000000		FFED THROUGH HOLE	
	004.0	C 012 003						3 1 FH0000000		FFED THROUGH HOLE	
	005.0	C 012 114						3 1 FH0000000		FFED THROUGH HOLE	TO P9 21
	006.0	D 025 006	Q		B			0223297	2N1305		INV
	007.0				C			1			
	008.0	D 025 009	R					0223257	01 10K	OHM 5PC 1/2W	LOAD
	009.0							1			
AA	0050.000.0	D 023 025	D		A			0223292	11 1N662		GATF
	001.0				C			1			
	002.0	D 023 024	D		A			0223292	12 1N662		GATE
	003.0				C			1			
	004.0	D 023 021	D		A			0223292	13 1N662		GATE
	005.0	D 019 002	D		A			0223292	14 1N662		GATE
	006.0				C			1			
	007.0	D 194 073	R					1 1 0223393	01 12K	OHM 5PC 1/2W	LOAD
	008.0	D 178 012	S	1	1			0803214		TFST POINT	NTRITOMD
	009.0							1			

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AC	0051	000.0	D 017 021	D	A				0223292	I1 1N662		GATF
		001.0			C			1				
		002.0	D 017 024	D	A			1	0223292	I2 1N662		GATF
		003.0			C			1				
		004.0	D 017 025	D	A				0223292	I3 1N662		GATE
		005.0	D		C			1				
		006.0	C 074 122					3 1	FH0000000		FEED THROUGH HOLE	FROM P9 11
		007.0	C 072 007	S		1 1 1			0803214		TEST POINT	NR1TIME
		008.0						1				
		009.0	C 072 003					3 1	FH0000000		FEED THROUGH HOLE	
		010.0	D 162 003					3 1	FH0000000		FEED THROUGH HOLE	
		011.0	C 078 003					3 1	FH0000000		FEED THROUGH HOLE	
		012.0	D 156 003					3 1	FH0000000		FEED THROUGH HOLE	
		013.0	D 018 001	D	A	2		1	0223292	I4 1N662		GATF
		014.0			C			1				
		015.0	D 015 006	R				1	0223393	O1 12K OHM 5PC 1/2W		LOAD
		016.0						1				
		017.0	D 013 002	D	A				0223292	I5 1N662		GATE
AA	0052	000.0	D 016 005	R		2		1	0223403	I1 6.8K OHM 5PC 1/2W		COUPLING
		001.0						1				
		002.0	D 016 004	C		2			0804079		330 PF 10PC 300V MICA	SPEED UP
		003.0	D 015 003	R					0804044		22K OHM 5PC 1/2W	BIAS
		004.0	D 015 006	Q	B			1	0223297		2N1305	INV
		005.0			C			1				
		006.0	D 015 009	R				1	0223257	O1 10K OHM 5PC 1/2W		LOAD
		007.0						1				
		008.0	D 129 003			3 1			FH0000000		FEED THROUGH HOLE	
		009.0	C 105 003			3 1			FH0000000		FEED THROUGH HOLE	
		010.0	C 045 003			3 1			FH0000000		FEED THROUGH HOLE	
		011.0	D 189 003			3 1			FH0000000		FEED THROUGH HOLE	
		012.0	D 015 016	R				1	0223358		27K OHM 5PC 1/2W	
AA	0053	000.0	D 021 025	D	A				0223292	I1 1N662		GATE
		001.0			C			1				
		002.0	D 021 023	D	A				0223292	I2 1N662		GATE
		003.0			C			1				
		004.0	D 021 022	D	A				0223292	I3 1N662		GATE
		005.0	D		C			1				
		006.0	C 049 123			3 1			FH0000000		FEED THROUGH HOLE	FROM P9 15
		007.0	C 054 003			3 1			FH0000000		FEED THROUGH HOLE	
		008.0	D 180 003			3 1			FH0000000		FEED THROUGH HOLE	
		009.0	D 186 012	S		1 1 1			0803214		TEST POINT	COMFUNFN
		010.0						1				
		011.0	D 021 012	D	A				0223292	I4 1N662		GATF
		012.0	C 049 120			3 1			FH0000000		FEED THROUGH HOLE	FROM P9 14
		013.0	C 048 003			3 1			FH0000000		FEED THROUGH HOLE	
		014.0	D 186 003			3 1			FH0000000		FEED THROUGH HOLE	
		015.0	D 190 012	S		1 1 1			0803214		TEST POINT	DPCZERO
		016.0						1				
		017.0	D 021 013	D	A				0223292	I5 1N662		GATE
		018.0			C			1				
		019.0	D 021 016	R					0223393	O1 12K OHM 5PC 1/2W		LOAD
		020.0						1				
AA	0054	000.0	D 022 015	R		2		1	0223403	I1 6.8K OHM 5PC 1/2W		COUPLING
		001.0						1				
		002.0	D 021 014	R					0804044		22K OHM 5PC 1/2W	BIAS
		003.0	D 021 016	Q	B			1	0223297		2N1305	INV
		004.0			C			1				
		005.0	D 021 019	R				1	0223257	O1 10K OHM 5PC 1/2W		LOAD
		006.0						1				
AA	0055	000.0	C 111 101	D	A			1	0223292	I1 1N662		GATE
		001.0	C 123 116	D	A	2 1			0223292	I2 1N662		GATE
		002.0	C 013 032	R					0223393	O1 12K OHM 5PC 1/2W		LOAD
AA	0056	000.0	C 106 098	R		2 1			0223353	I1 8.2K OHM 5PC 1/2W		COUPLING

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
		001.0								1		
		002.0	C 010	029	R	2			0804044		22K OHM 5PC 1/2W	BIAS
		003.0	C 094	105	Q	B	1		0223297		2N1305	INV
		004.0	C 013	034	R				0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0057.	000.0	C 001	036	D	A			0223292	11	1N662	GATE
		001.0				C				1		
		002.0	C 011	069	D	A	1		0223292	12	1N662	GATF
		003.0				C				1		
		004.0	C 005	021	D	A	1		0223292	13	1N662	GATF
		005.0	C 005	036	D	A	1		0223292	14	1N662	GATF
		006.0	C 010	035	R	2			0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0058.	000.0	C 010	031	R	2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
		001.0								1		
		002.0	C 010	030	R	2			0804044		22K OHM 5PC 1/2W	BIAS FROM P9F
		004.0	C 009	031	Q	B	1		0223297		2N1305	INV
		005.0	C 090	118			3		FH0000000		FEED THROUGH HOLE	
		006.0	C 093	003			3		FH0000000		FEED THROUGH HOLE	
		007.0	D 141	003			3		FH0000000		FEED THROUGH HOLE	
		008.0	C 094	018	R	1			0223257	01	10K OHM 5PC 1/2W	LOAD
		009.0								1		
AB	0059.	000.0	C 011	034	D	A			0223292	11	1N662	GATE
		001.0	C 090	121			3		FH0000000		FEED THROUGH HOLE	
		002.0	C 011	035	D	A	1		0223292	12	1N662	GATE
		003.0	D 168	003			3		FH0000000		FEED THROUGH HOLE	
		004.0	C 066	003			3		FH0000000		FEED THROUGH HOLE	
		005.0	C 074	067	D	A	2		0223292	13	1N662	GATE
		006.0				C				1		
		007.0	C 007	035	R				0223257	01	10K OHM 5PC 1/2W	LOAD
		008.0								1		
		009.0	C 010	034	R	2			0223358		27K OHM 5PC 1/2W	
AB	0060.	000.0	C 106	124			3		FH0000000		FEED THROUGH HOLE	FROM P9 ?
		001.0	C 117	003			3		FH0000000		FEED THROUGH HOLE	
		002.0	D 117	003			3		FH0000000		FEED THROUGH HOLE	
		003.0	D 126	011	S		1		0803214		TEST POINT	CFS AND DPS
		004.0								1		
		005.0	D 013	027	D	A			0223292	11	1N662	GATE
		006.0	C 114	006			3		FH0000000		FEED THROUGH HOLE	
		007.0	C 135	003			3		FH0000000		FEED THROUGH HOLE	
		008.0	D 099	003			3		FH0000000		FEED THROUGH HOLE	
		009.0	D 106	112	S	1	1		0803214		TEST POINT	DPS DPCZ BOTH
		010.0								1		
		011.0	D 011	024	D	A			0223292	12	1N662	GATE
		012.0	D 014	024	D	A	2		0223292	13	1N662	GATF
		013.0				C				1		
		014.0	D 011	025	D	A			0223292	14	1N662	GATE
		016.0	D 111	073	R		1		0223257	01	10K OHM 5PC 1/2W	LOAD
		017.0								1		
AA	0061.	000.0	D 013	022	R				0223403	11	6.8K OHM 5PC 1/2W	COUPLING
		001.0								1		
		002.0	D 013	021	C				0804087		1001 MFD 10PC 200V FILM	SPEED UP
		003.0	D 014	023	R	2			0804044		22K OHM 5PC 1/2W	BIAS
		004.0	D 014	016	Q	B	1		0223297		2N1305	INV
		005.0				C				1		
		006.0	D 014	015	R	2			0223257	01	10K OHM 5PC 1/2W	LOAD
		007.0	D 126	007	S		1		0803214		TEST POINT	ENTER SHIFT ONE LEFT
		008.0								1		
		009.0	D 120	003			3		FH0000000		FEED THROUGH HOLE	
		010.0	C 114	003			3		FH0000000		FEED THROUGH HOLE	TO P9-B B
AA	0062.	000.0	C 111	125			3		FH0000000		FEED THROUGH HOLE	FROM P9 3
		001.0	C 120	003			3		FH0000000		FEED THROUGH HOLE	
		002.0	D 114	003			3		FH0000000		FEED THROUGH HOLE	

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	D 122 015	S	3	1	1		0803214		TFST POINT	MULT OR DIV NOT
	004.0										
	005.0	D 111 045	D	A	1	1		0223292	11	1N662	GATE
	006.0	D 172 044	D	A	2	1		0223292	12	1N662	GATF
	007.0	D 140 044	D	A	2	1		0223292	13	1N662	GATF
	008.0	D 013 014	R					0223326	01	15K OHM 5PC 1/2W	LOAD
	009.0										
AA	0063.0000.0	D 014 012	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	D 013 013	R			1		0804044		22K OHM 5PC 1/2W	BIAS
	002.0					1					
	003.0	D 013 016	Q	B		1		0223297		2N1305	INV
	004.0			C		1					
	005.0	D 013 019	R			1		0223257	01	10K OHM 5PC 1/2W	LOAD
	006.0					1					
AA	0064.0000.0	D 024 002	D	A	2	1		0223292	11	1N662	GATE
	001.0	D 014 005	D	A	2	1		0223292	12	1N662	GATE
	002.0			C		1					
	003.0	D 013 006	R			1		0223326	01	15K OHM 5PC 1/2W	LOAD
	004.0					1					
AA	0065.0000.0	D 014 004	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	D 013 003	R			1		0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 013 006	Q	B		1		0223297		2N1305	INV
	004.0			C		1					
	005.0	D 013 009	R			1		0223257	01	10K OHM 5PC 1/2W	LOAD
	006.0					1					
AB	0066.0000.0	D 012 028	D	A	2	1		0223292	11	1N662	GATF
	001.0			C		1					
	002.0	D 012 029	D	A	2	1		0223292	12	1N662	GATF
	003.0			C		1					
	004.0	D 012 030	D	A	2	1		0223292	13	1N662	GATE
	005.0			C		1					
	006.0	D 011 034	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0067.0000.0	D 012 033	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	D 012 032	C		2			0804079		330 PF 10PC 300V MICA	SPEED UP
	003.0	D 011 031	R			1		0804044		22K OHM 5PC 1/2W	BIAS
	004.0	D 011 034	Q	B		1		0223297		2N1305	INV
	005.0			C		1					
	006.0	D 011 035	R			1		0223257	01	10K OHM 5PC 1/2W	LOAD
	007.0	D 174 014	S	3	1	1		0803214		TEST POINT	NOT SHIFT 1 LEFT
	008.0					1					
AA	0068.0000.0	D 011 021	R					0223326	11	15K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	D 012 023	R		2	1		0223328		33K OHM 5PC 1/2W	BIAS
	003.0	D 012 016	Q	B	1	1		0223297		2N1305	INV
	004.0			C		1					
	005.0	D 012 015	R		2	1		0223257	01	10K OHM 5PC 1/2W	LOAD
AB	0069.0000.0	D 106 045	D	A	2	1		0223292	11	1N662	GATE
	001.0			C		1					
	002.0	D 012 022	D	A	2	1		0223292	12	1N662	GATE
	003.0			C		1					
	004.0	D 011 014	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0070.0000.0	D 012 012	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	D 011 013	R			1		0804044		22K OHM 5PC 1/2W	BIAS
	002.0	D 011 016	Q	B		1		0223297		2N1305	INV
	003.0	D 011 019	R			1		0223257	01	10K OHM 5PC 1/2W	LOAD
	004.0	D 102 020	S	3	1	1		0803214		TEST POINT	NSUB
	005.0					1					

F R I D E N I N C
FC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATTON	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	006.0	D	096	003				3 1 FH0000000		FEED THROUGH HOLE	
	007.0	C	138	003				3 1 FH0000000		FEED THROUGH HOLE	
AA	0071.000.0	D	008	029	D	A	2	1 0223292	11	1N662	GATF
	001.0	D	007	030	D	A		1 0223292	12	1N662	GATF
	002.0					C		1			
	003.0	D	007	031	D	A		1 0223292	13	1N662	GATF
	004.0					C		1			
	005.0	D	007	034	R			1 0223326	01	15K OHM 5PC 1/2W	LOAD
	006.0							1			
AA	0072.000.0	D	008	033	R		2	1 0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	D	007	032	R			1 0804044		22K OHM 5PC 1/2W	BIAS
	002.0	D	007	034	Q	B		1 0223297		2N1305	INV
	003.0	D	007	035	R			1 0223257	01	10K OHM 5PC 1/2W	LOAD
	004.0							1			
	005.0	D	024	003			3	1 FH0000000		FEED THROUGH HOLE	
	006.0	C	210	003			3	1 FH0000000		FEED THROUGH HOLE	TO P8 F
AA	0073.000.0	D	010	010	D	A	2	1 0223292	11	1N662	GATE
	001.0	D	090	052	R		2	1 1 0223326		15K OHM 5PC 1/2W	LOAD
	002.0	D	078	049	R			1 0223403		6.8K OHM 5PC 1/2W	COUPLING
	003.0	D	009	011	R			1 0804044		22K OHM 5PC 1/2W	BIAS
	004.0	D	078	057	Q	B		1 0223297		2N1305	INV
	005.0					C		1			
	006.0	D	078	062	R		1	1 0223257	01	10K OHM 5PC 1/2W	LOAD
	007.0							1			
AA	0074.000.0	D	062	071	D	A	1	1 0223292	11	1N662	GATF
	001.0					C		1			
	002.0	D	007	018	D	A		1 0223292	12	1N662	GATE
	003.0	D	007	017	D	A		1 0223292	13	1N662	GATE
	004.0	D	062	080	R		1	1 0223326	01	15K OHM 5PC 1/2W	LOAD
	005.0							1			
AA	0075.000.0	D	074	077	R		2	1 1 0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0							1			
	002.0	D	007	020	R			1 0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D	062	085	Q	B	1	1 0223297		2N1305	INV
	004.0					C		1			
	005.0	D	062	090	R		1	1 0223257	01	10K OHM 5PC 1/2W	LOAD
	006.0							1			
	007.0	D	063	003			3	1 FH0000000		FEED THROUGH HOLE	
	008.0	C	171	003			3	1 FH0000000		FEED THROUGH HOLE	
	009.0	D	207	003			3	1 FH0000000		FEED THROUGH HOLE	
	010.0	C	027	003			3	1 FH0000000		FEED THROUGH HOLE	TO P9 T
AA	0076.000.0	C	144	050	Q	B	1	0223297	11	2N1305	EF
	001.0					C		1			
	002.0	C	144	045	R		1	1 0223401		4.7K OHM 5PC 1/2W	COUPLING
	003.0	C	144	042	R		1	1 0804044		22K OHM 5PC 1/2W	BIAS
	004.0	C	017	016	Q	B	1	0223297		2N1305	INV
	005.0	C	128	058	R		1	1 0804033	01	180 OHM 5PC 1/2W	LOAD TO P9 A
AB	0077.000.0	D	165	003			3	1 FH0000000		FEED THROUGH HOLE	
	001.0	C	069	003			3	1 FH0000000		FEED THROUGH HOLE	
	002.0	D	042	003			3	1 FH0000000		FEED THROUGH HOLE	
	003.0	C	192	003			3	1 FH0000000		FEED THROUGH HOLE	
	004.0	C	022	002	D	A	2	1 0223292	11	1N662	GATF
	005.0	C	017	002	D	A		1 0223292	12	1N662	GATE FROM P8 U
	006.1	C	177	114			3	1 FH0000000		FEED THROUGH HOLE	
	007.0	C	177	003			3	1 FH0000000		FEED THROUGH HOLE	
	008.0	D	057	003			3	1 FH0000000		FEED THROUGH HOLE	
	009.0	D	062	012	S		1	1 1 0803214		YFST POINT	NROTIME
	010.0							1			
	011.0	C	020	002	D	A	2	1 0223292	13	1N662	GATE
	012.0	C	102	003			3	1 FH0000000		FEED THROUGH HOLE	FROM P9 D

F R I D E N Y N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	013.0	D	132	003				3 1 FH0000000		FEED THROUGH HOLE	
	014.0	D	138	011	S			1 1 0803214		TEST POINT	NC1TIME
	015.0							1			
	016.0	D	111	003				3 1 FH0000000		FEED THROUGH HOLE	
	017.0	C	123	003				3 1 FH0000000		FFED THROUGH HOLE	
	018.0	C	015	002	D	A		1 0223292	14	1N662	GATE
	019.0	C	023	002	R			0223393	01	12K OHM 5PC 1/2W	LOAD
	020.0							1			
AA	0078.000	C	062	124				3 1 FH0000000		FFED THROUGH HOLE	FROM P9 12
	001.0	C	009	004	D	A		1 0223292	11	1N662	GATE
	002.0					C		1			
	003.0	C	009	006	D	A		1 0223292	12	1N662	GATE
	004.0					C		1			
	005.0	C	019	003	D	A		1 0223292	13	1N662	GATE
	006.0	C	013	003	D	A		1 0223292	14	1N662	GATE
	007.0	C	023	003	R			0223393	01	12K OHM 5PC 1/2W	LOAD
	008.0							1			
AA	0079.000	C	013	004	D	A		1 0223292	11	1N662	GATE
	001.0	C	019	004	D	A		1 0223292	12	1N662	GATE
	002.0	C	022	004	D	A 2		1 0223292	13	1N662	GATE
	003.0	C	017	004	D	A		1 0223292	14	1N662	GATE
	004.0	C	023	004	R			0223393	01	12K OHM 5PC 1/2W	LOAD
	005.0							1			
AA	0080.000	D	118	015				3 1 FH0000000		FEED THROUGH HOLE	
	001.0	D	108	003				3 1 FH0000000		FFED THROUGH HOLE	
	002.0	C	126	003				3 1 FH0000000		FEED THROUGH HOLE	
	003.0	C	015	005	D	A		1 0223292	11	1N662	GATE
	004.0	C	017	005	D	A		1 0223292	12	1N662	GATE FROM P8 X
	005.0	C	013	005	D	A		1 0223292	13	1N662	GATE
	006.0	C	023	005	R			0223393	01	12K OHM 5PC 1/2W	LOAD
	007.0							1			
AA	0081.000	C	022	005	D	A 2		1 0223292	11	1N662	GATE
	001.0	C	015	006	D	A		1 0223292	12	1N662	GATE
	002.0	C	020	006	D	A 2		1 0223292	13	1N662	GATE
	003.0	C	021	006	D	A		1 0223292	14	1N662	GATE
	004.0	C	023	006	R			0223393	01	12K OHM 5PC 1/2W	LOAD
	005.0							1			
AA	0082.000	C	026	002	D	A 2		0223292		1N662	GATE
	001.0	C	025	002	D	C				11	
	002.0	C	026	005	D	A 2	1	0223292	01	1N662	GATE
	003.0	C	025	005	D	C				12	
	004.0	C	026	003	D	A 2		0223292		1N662	GATE
	005.0	C	025	003	D	C				13	
	006.0	C	026	004	D	A 2		0223292		1N662	GATE
	007.0	C	025	004	D	C				14	
	008.0	C	026	006	D	A 2		0223292		1N662	GATE
	009.0	C	025	006	D	C				15	
AA	0083.000	C	019	007	D	A		1 0223292	11	1N662	GATE
	001.0	C	017	006	D	A		1 0223292	12	1N662	GATE FROM P8 Y
	002.0	C	021	007	D	A		0223292	13	1N662	GATE
	003.0	C	023	001	R			1 0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0084.000	C	022	008	D	A 2		1 0223292	11	1N662	GATE
	001.0					C		1			
	002.0	C	022	009	D	A 2		1 0223292	12	1N662	GATE FROM P8 N
	003.0					C		1			
	004.0	C	026	008	D	A 2		0223292	13	1N662	GATE
	005.0	C	025	007	R			0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0085.000	C	015	009	D	A		1 0223292	11	1N662	GATE
	001.0	C	019	009	D	A		1 0223292	12	1N662	GATE

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	C 026	009 D	A	2	1		0223292	13	1N662	GATE FROM P8 B
	003.0	C 023	021 R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
	004.0					1					
AB	0086.	000.0	C 024	009 D	A	2	1	0223292	01	1N662	GATE
	001.0	C 023	009 D	C		1			11		
	002.0	C 024	008 D	A	2	1		0223292		1N662	GATE
	003.0	C 023	008 D	C					12		
	004.0	C 024	007 D	A	2	1		0223292		1N662	GATE
	005.0	C 023	007 D	C		1			13		
	006.0	D 171	003			3	1	FH00000000		FEED THROUGH HOLE	
	007.0	C 063	003			3	1	FH00000000		FEED THROUGH HOLE	
	008.0	C 074	023 D	A	2	1		0223292		1N662	GATE
	010.0	C 062	023 D	C		1	1		14		
AA	0087.	000.0	C 024	013 R		2	1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 194	034 R			1	1	0804044		22K OHM 5PC 1/2W	BIAS
	002.0	C 023	010 Q	B		1		0223297		2N1305	INV
	003.0	C 023	015 R					0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0088.	004.0	D 004	007 D	A	2	1	0223292	11	1N662	GATE
	005.0			C		1					
	006.0	C 225	003			3	1	FH00000000		FEED THROUGH HOLE	
	007.0	D 009	003			3	1	FH00000000		FEED THROUGH HOLE	
	008.0	D 010	012 S		1	1	1	0803214		TEST POINT	GTIMEFF
	009.0					1					
	010.0	D 001	007 D	A				0223292	12	1N662	GATE
	011.0	D 001	006 D	A				0223292	13	1N662	GATE
	012.0	D 028	059 R		1	1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0089.	000.0	D 004	008 D	A	2		0223292	11	1N662	GATE
	001.0			C		1					
	002.0	C 219	003			3	1	FH00000000		FEED THROUGH HOLE	FROM P8 C
	003.0	D 015	003			3	1	FH00000000		FEED THROUGH HOLE	
	004.0	D 018	012 S		1	1	1	0803214		TEST POINT	RECALLFN
	005.0					1					
	006.0	D 001	005 D	A				0223292	12	1N662	GATE
	007.0	C 222	003			3	1	FH00000000		FEED THROUGH HOLE	FROM P8 A
	009.0	D 012	003			3	1	FH00000000		FEED THROUGH HOLE	
	010.0	D 014	012 S		1	1	1	0803214		TEST POINT	ROTIME
	011.0					1					
	012.0	D 001	004 D	A				0223292	13	1N662	
	013.0	D 028	056 R		1	1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0090.	000.0	D 040	040 D	A	2	1	0223292	11	1N662	GATE
	001.0			C		1					
	002.0	C 198	003			3	1	FH00000000		FEED THROUGH HOLE	FROM P8 J
	003.0	D 036	003			3	1	FH00000000		FEED THROUGH HOLE	
	004.0	D 040	049 D	A	2	1	1	0223292	12	1N662	GATE
	005.0			C		1					
	006.0	D 003	017 R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0091.	000.0	D 004	010 D	A	2		0223292	11	1N662	GATE
	001.0	D 004	011 D	A	2	1		0223292	12	1N662	GATE
	002.0	C 194	120			3	1	FH00000000		FEED THROUGH HOLE	FROM P8 7
	003.0	C 204	003			3	1	FH00000000		FEED THROUGH HOLE	
	004.0	D 030	003			3	1	FH00000000		FEED THROUGH HOLE	
	005.0	D 034	012 S		1	1	1	0803214		TEST POINT	RITIME
	006.0					1					
	007.0	D 003	004 D	A		1		0223292	13	1N662	GATE
	008.0	D 001	010 D	A				0223292	14	1N662	GATE
	009.0			C		1					
	010.0	D 003	018 R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
	011.0					1					
AA	0092.	000.0	D 004	006 D	A	2	1	0223292	01	1N662	GATE
	001.0	D 003	006 D	C					11		

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN	OUT	PART DESCRIPTION	REMARKS
	002.0	D 004 005	D	A	2			0223292		1N662		GATE
	003.0	D 003 005	D	C						12		
AB 0093.	000.0	D 001 008	D	A				0223292		1N662		GATF
	001.0	D 002 008	D	C						11		
	002.0	D 011 040	D	A	1			0223292		01 1N662		GATE
	004.0	D 023 040	D	C	1					12		
AA 0094.	000.0	D 001 011	R					0223403		11 6.8K OHM 5PC 1/2W		COUPLING
	001.0	D 011 049	R		1	1		0804044		22K OHM 5PC 1/2W		BIAS
	002.0	D 011 054	Q	B	1	1		0223297		2N1305		INV
	003.0	D 011 059	R		1			0223257		01 10K OHM 5PC 1/2W		LOAD
AB 0096.	000.0	D 040 077	R		2	1	1	0223403		11 6.8K OHM 5PC 1/2W		COUPLING
	001.0	D 028 080	R		1	1		0804044		22K OHM 5PC 1/2W		BIAS
	002.0	D 028 085	Q	B	1	1		0223297		2N1305		INV
	003.0			C		1						
	004.0	D 028 090	R		1	1		0223257		01 10K OHM 5PC 1/2W		LOAD
	005.0					1						
AB 0097.	000.0	D 040 015			3	1		FH0000000			FEED THROUGH HOLE	
	001.0	D 003 027	D	A		1		0223292		11 1N662		GATF
	002.0			C		1						
	003.0	D 004 029	D	A	2			0223292		12 1N662		GATF
	004.0			C		1						
	005.0	D 004 030	D	A	2			0223292		13 1N662		GATE
	006.0			C		1						
	007.0	D 003 034	R			1		0223393		01 12K OHM 5PC 1/2W		LOAD
	008.0					1						
AA 0098.	000.0	C 174 003			3	1		FH0000000			FEED THROUGH HOLE	
	001.0	D 060 003			3	1		FH0000000			FEED THROUGH HOLE	
	002.0	D 066 012	S		1	1	1	0803214			TFST POINT	COC1C15T
	003.0					1						
	004.0	D 007 007	D	A		1		0223292		11 1N662		GATE
	005.0	D 010 007	D	A	2			0223292		12 1N662		GATE
	006.0	C 144 003			3	1		FH0000000			FEED THROUGH HOLE	FROM P8 V
	007.0	D 090 003			3	1		FH0000000			FEED THROUGH HOLE	
	008.0	D 094 012	S		1	1	1	0803214			TFST POINT	ETIMEFN
	009.0					1						
	010.0	D 010 006	D	A	2			0223292		13 1N662		GATF
	011.0	C 168 003			3	1		FH0000000			FEED THROUGH HOLE	
	012.0	D 066 003			3	1		FH0000000			FFED THROUGH HOLE	
	013.0	D 070 012	S		1	1	1	0803214			TFST POINT	FTIMEFF
	014.0					1						
	015.0	D 007 006	D	A		1		0223292		14 1N662		GATF
	016.0	D 005 003	R					0223393		01 12K OHM 5PC 1/2W		LOAD
	017.0					1						
AA 0099.	000.0	D 005 006	D	A				0223292		11 1N662		GATE
	001.0	D 005 004	D	A				0223292		12 1N662		GATF
	002.0	C 140 120			3	1		FH0000000			FEED THROUGH HOLE	FROM P8 18
	003.0	C 132 003			3	1		FH0000000			FEED THROUGH HOLE	
	004.0	D 102 003			3	1		FH0000000			FFED THROUGH HOLE	
	005.0	D 110 015	S		3	1	1	0803214			TEST POINT	COMDIGFN
	006.0					1						
	007.0	D 012 006	D	A	2			0223292		13 1N662		GATE
	008.0	C 186 003			3	1		FH0000000			FEED THROUGH HOLE	
	009.0	D 048 003			3	1		FH0000000			FFED THROUGH HOLE	
	010.0	D 054 007	S		1	1	1	0803214			TEST POINT	CFSFN
	011.0					1						
	012.0	D 005 005	D	A		1		0223292		14 1N662		GATE
	013.0	D 005 002	R					0223393		01 12K OHM 5PC 1/2W		LOAD
AA 0100.	000.0	D 003 033	D	A				0223292		01 1N662		GATE
	001.0	D 004 033	D	C						11		
	002.0	D 005 008	D	A		1		0223292		1N662		GATE

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	D 006 008	D	C					12		
	004.0	D 005 007	D	A			0223292		1N662		GATE
	005.0	D 006 007	D	C					13		
AA 0101.	000.0	D 004 032	R		2	1	0223403	11	6.8K OHM 5PC 1/2W		COUPLING
	001.0					1					
	002.0	D 003 031	R			1	0804044		22K OHM 5PC 1/2W		BIAS
	003.0	D 003 034	Q	B		1	0223297		2N1305		INV
	004.0	D 003 035	R			1	0223257	01	10K OHM 5PC 1/2W		LOAD
	005.0					1					
AB 0102.	000.0	C 022 011	D	A	2	1	0223292	11	1N662		GATE
	001.0			C		1					
	002.0	D 087 003				3	FH0000000		FEED THROUGH HOLE		
	003.0	C 147 003				3	FH0000000		FEED THROUGH HOLE		
	004.0	C 017 001	D	A		1	0223292	12	1N662		GATE
	005.0			C		1					
	006.0	C 020 010	D	A	2	1	0223292	13	1N662		GATE
	007.0			C		1					
	008.0	C 022 012	D	A	2	1	0223292	14	1N662		GATE FROM P8 P
	009.0			C		1					
	010.0	C 019 016	R			1	0223326	01	15K OHM 5PC 1/2W		LOAD
	011.0					1					
AA 0103.	000.0	C 020 015	R		2	1	0223403	11	6.8K OHM 5PC 1/2W		COUPLING
	001.0					1					
	002.0	C 019 014	R			1	0804044		22K OHM 5PC 1/2W		BIAS
	003.0	C 019 016	Q	B		1	0223297		2N1305		INV
	004.0			C		1					
	005.0	C 019 019	R			1	0223257	01	10K OHM 5PC 1/2W		LOAD
	006.0					1					
AA 0104.	000.0	C 022 010	D	A	2	1	0223292	11	1N662		GATE
	001.0			C		1					
	002.0	C 020 012	D	A	2	1	0223292	12	1N662		GATE
	003.0			C		1					
	004.0	C 013 007	D	A		1	0223292	13	1N662		GATE
	005.0	C 020 011	D	A	2	1	0223292	14	1N662		GATE FROM P8 R
	006.0			C		1					
	007.0	C 021 016	R			1	0223393	01	12K OHM 5PC 1/2W		LOAD
	008.0			C		1					
AA 0105.	000.0	C 022 015	R		2	1	0223403	11	6.8K OHM 5PC 1/2W		COUPLING
	001.0			C		1					
	002.0	C 022 014	C		2	1	0804079		330 PF 10PC 300V MICA		SPEED UP
	003.0			C		1					
	004.0	C 021 013	R			1	0804044		22K OHM 5PC 1/2W		BIAS
	005.0	C 021 016	Q	B		1	0223297		2N1305		INV
	006.0			C		1					
	007.0	C 021 019	R			1	0223257	01	10K OHM 5PC 1/2W		LOAD
	008.0			C		1					
AA 0106.	000.0	D 010 029	D	A	2	1	0223292	11	1N662		GATE
	001.0	D 010 030	D	A	2	1	0223292	12	1N662		GATE
	002.0			C		1					
	003.0	D 010 028	D	A	2	1	0223292	13	1N662		GATE
	004.0	D 090 110	D	A	2	1	0223292	14	1N662		GATE
	005.0			C		1					
	006.0	D 010 035	R		2	1	0223393	01	12K OHM 5PC 1/2W		LOAD
AA 0107.	000.0	D 010 034	R		2	1	0223403	11	6.8K OHM 5PC 1/2W		COUPLING
	001.0					1					
	002.0	D 009 031	R			1	0804044		22K OHM 5PC 1/2W		BIAS
	003.0	D 009 034	Q	B		1	0223297		2N1305		INV
	004.0			C		1					
	005.0	D 006 025	R		2	1	0804044	01	22K OHM 5PC 1/2W		
AA 0108.	000.0	D 014 025	D	A	2	1	0223292	11	1N662		GATE

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	D 010 018	D	A	2	1		0223292	12	1N662	GATE
	002.0			C		1					
	003.0	D 090 040	D	A	2	1	1	0223292	13	1N662	GATE
	004.0			C		1					
	005.0	C 160 115				3	1	FH0000000		FEED THROUGH HOLE	FROM P8 T
	006.0	C 165 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	D 069 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	D 074 012	S		1	1	1	0803214		TFST POINT	DPSFN
	009.0					1					
	010.0	D 007 008	D	A		1		0223292	14	1N662	GATE
	011.0	D 078 080	R		1	1		0223393	01	12K OHM 5PC 1/2W	LOAD
	012.0					1					
AA	0109.000.0	D 090 077	R		2	1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	D 078 071	R		1	1		0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 078 085	Q	B	1	1		0223297		2N1305	INV
	004.0			C		1					
	005.0	D 078 090	R		1	1		0223403	01	6.8K ^{2.2K} OHM 5PC 1/2W	LOAD
	006.0					1					
AB	0110.000.0	D 009 027	D	A		1		0223292	11	1N662	GATE
	001.0	D 011 026	D	A		1		0223292	12	1N662	GATE
	002.0			C		1					
	003.0	D 114 015				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	D 105 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	C 129 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	C 123 127				3	1	FH0000000		FEED THROUGH HOLE	TO P9 1
	007.0	D 012 027	R		2			0223326	01	15K OHM 5PC 1/2W	LOAD
AA	0111.000.0	C 026 019	R		2	1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 025 016	R		1	1		0804044		22K OHM 5PC 1/2W	BIAS
	002.0	C 025 016	Q	B	1	1		0223297		2N1305	INV
	003.0	C 025 020	R		1	1		0223253	01	2.2K OHM 5PC 1/2W	LOAD
	004.0	C 025 035			2	1		FH0000000		FEED THROUGH HOLE	TO P8 4
AA	0112.000.0	C 024 019	R		2			0223326	11	15K OHM 5PC 1/2W	COUPLING
	001.0	C 023 016	R		1	1		0223328		33K OHM 5PC 1/2W	BIAS
	002.0					1					
	003.0	C 023 016	Q	B	1	1		0223297		2N1305	INV
	004.0	C 023 020	R		1	1		0223401	01	4.7K OHM 5PC 1/2W	LOAD
	005.0					1					
AA	0113.000.0	C 023 022	D	A		1		0223292	11	1N662	GATE
	001.0	C 189 113				3	1	FH0000000		FEED THROUGH HOLE	FROM P8 9
	002.0	C 160 119				3	1	FH0000000		FEED THROUGH HOLE	FROM P8 12
	003.0	C 156 072	D	A	2	1	1	0223292	12	1N662	GATE
	004.0	C 025 022	R					0223326	01	15K OHM 5PC 1/2W	LOAD
AA	0114.000.0	C 025 023	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 026 024	R		2			0804044		22K OHM 5PC 1/2W	BIAS
	002.0	C 026 024	Q	B	1	1		0223297		2N1305	INV
	003.0			C		1					
	004.0	C 025 021	R					0223257	01	10K OHM 5PC 1/2W	LOAD
	005.0	C 223 120				3	1	FH0000000		FEED THROUGH HOLE	TO P8 2
AA	0115.000.0	F 025 028	R					0223353	11	8.2K OHM 5PC 1/2W	COUPLING
	001.0	F 026 027	R		2	1		0804044		22K OHM 5PC 1/2W	BIAS
	003.0	F 026 032	Q	B	1	1		0223297		2N1305	INV
	004.0			C		1					
	005.0	F 023 028	R					0223401	01	4.7K OHM 5PC 1/2W	LOAD
	006.0					1					
	007.0	F 225 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	E 009 003				3	1	FH0000000		FEED THROUGH HOLE	
	009.0	E 008 115				3	1	FH0000000		FEED THROUGH HOLE	TO P7 21
AA	0116.001.0	F 024 029	D	A	2	1		0223292	11	1N662	GATE

F R I D E N I N C
EC/130 CONSTRUCTION FILE

INDICATES REVISION

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0108.001.0	D 010 018	D	A	2	1		0223292	12	1N662	GATE
	002.0			C		1					
	003.0	D 090 040	D	A	2	1		0223292	13	1N662	GATE
	004.0			C		1					
	005.0	C 160 115				3	1	FH0000000		FEED THROUGH HOLE	FROM P8 T
	006.0	C 165 003				3	1	FH0000000		FEED THROUGH HOLE	
	007.0	D 069 003				3	1	FH0000000		FEED THROUGH HOLE	
	008.0	D 074 012	S		1	1	1	0803214		TEST POINT	DPSFN
	009.0					1					
	010.0	D 007 008	D	A		1		0223292	14	1N662	GATE
	011.0	D 078 080	R		1	1		0223393	01	12K OHM 5PC 1/2W	LOAD
	012.0					1					
AB	0109.000.0	D 090 077	R		2	1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0					1					
	002.0	D 078 071	R		1	1		0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 078 085	Q	B		1	1	0223297		2N1305	INV
	004.0			C		1					
	005.0	D 078 090	R		1	1		0223253	01	2.2K OHM 5PC 1/2W	LOAD
	006.0					1					
AB	0110.000.0	D 009 027	D	A		1		0223292	11	1N662	GATE
	001.0	D 011 024	D	A		1		0223292	12	1N662	GATE
	002.0			C		1					
	003.0	D 114 015				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	D 105 003				3	1	FH0000000		FEED THROUGH HOLE	
	005.0	C 129 003				3	1	FH0000000		FEED THROUGH HOLE	
	006.0	C 123 127				3	1	FH0000000		FEED THROUGH HOLE	TO P9 1
	007.0	D 012 027	R		2			0223326	01	15K OHM 5PC 1/2W	LOAD
AA	0111.000.0	C 026 018	R		2	1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 025 016	R			1		0804044		22K OHM 5PC 1/2W	BIAS
	002.0	C 025 016	Q	B		1		0223297		2N1305	INV
	003.0	C 025 020	R			1		0223253	01	2.2K OHM 5PC 1/2W	LOAD
	004.0	C 025 035			2	1		FH0000000		FEED THROUGH HOLE	TO P8 4
AA	0112.000.0	C 024 019	R		2			0223326	11	15K OHM 5PC 1/2W	COUPLING
	001.0	C 023 016	R			1		0223326		33K OHM 5PC 1/2W	BIAS
	002.0					1					
	003.0	C 023 016	Q	B		1		0223297		2N1305	INV
	004.0	C 023 020	R			1		0223401	01	4.7K OHM 5PC 1/2W	LOAD
	005.0					1					
AA	0113.000.0	C 023 022	D	A		1		0223292	11	1N662	GATE
	001.0	C 189 113				3	1	FH0000000		FEED THROUGH HOLE	FROM P8 9
	002.0	C 160 119				3	1	FH0000000		FEED THROUGH HOLE	FROM P8 12
	003.0	C 156 072	D	A	2	1		0223292	12	1N662	GATE
	004.0	C 025 022	R			1		0223326	01	15K OHM 5PC 1/2W	LOAD
AA	0114.000.0	C 025 023	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 025 024	R		2			0804044		22K OHM 5PC 1/2W	BIAS
	002.0	C 026 024	Q	B	1			0223297		2N1305	INV
	003.0			C		1					
	004.0	C 025 021	R					0223257	01	10K OHM 5PC 1/2W	LOAD
	005.0	C 223 120			3	1		FH0000000		FEED THROUGH HOLE	TO P8 2
AA	0115.000.0	F 025 028	R					0223353	11	8.2K OHM 5PC 1/2W	COUPLING
	001.0	F 026 027	R		2	1		0804044		22K OHM 5PC 1/2W	BIAS
	003.0	F 026 032	Q	B	1			0223297		2N1305	INV
	004.0			C		1					
	005.0	F 023 028	R					0223401	01	4.7K OHM 5PC 1/2W	LOAD
	006.0					1					
	007.0	F 225 003			2	1		FH0000000		FEED THROUGH HOLE	
	008.0	E 009 003			3	1		FH0000000		FEED THROUGH HOLE	
	009.0	E 008 115			3	1		FH0000000		FEED THROUGH HOLE	TO P7 21
AA	0116.001.0	F 024 029	D	A	2	1		0223292	11	1N662	GATE

SEE SERVICE LETTER NO. 7



F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	F 025	029	D	A		1	0223292	12	1N662	GATE
	003.0	F 023	030	R				0223393	01	12K OHM 5PC 1/2W	LOAD
	004.0	F					1				
AA	0117.000.0	F 026	031	R		2		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	F 026	030	C		2		0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0	F 026	032	R		2	1	0804044		22K OHM 5PC 1/2W	BIAS
	004.0	F 025	033	D	A		1	0223292		1N662	CLAMP
	005.0	F 024	032	Q	B	1	1	0804111		2N2635	INV
	006.0	F 023	031	R				0223388		3.3K OHM 5PC 1/2W	LOAD
	007.0	F 023	033	R			1	0223403		6.8K OHM 5PC 1/2W	BIAS
	008.0	F 023	032	Q	B		1	0804008		2N1304	EF
	009.0	F 023	032	R			1	0223408	01	820 OHM 5PC 1/2W	LOAD
	010.0	F 180	007	S	1	1	1	0803214		TEST POINT	SHFTBTOC
	011.0						1				
AB	0118.000.3	C 026	014	R		2		0223393		12K OHM 5PC 1/2W	LOAD
	.000.2	C 023	014	D	A			0223292	11	1N662	INPUT
	001.0	C 026	013	R		2	1	0223403		6.8K OHM 5PC 1/2W	COUPLING
	003.0	C 211	034	R		1	1	0804044		22K OHM 5PC 1/2W	BIAS
	004.0	C 223	039	Q	B	1	1	0223297		2N1305	INV
	005.0				C		1				
	006.0	C 026	015	R		2	1	0223353	01	8.2K OHM 5PC 1/2W	LOAD
	007.0						1				
	008.0	C 223	113			3	1	FH0000000		FEED THROUGH HOLE	TO P8 3
	009.0	E 028	118			3	1	FH0000000		FEED THROUGH HOLE	FROM P7 15
	010.0	E 030	003			3	1	FH0000000		FEED THROUGH HOLE	
	011.1	F 204	003			3	1	FH0000000		FEED THROUGH HOLE	
	012.0	F 024	027	D	A	2	1	0223292	12	1N662	GATF
	013.0				C		1				
	014.0	F 201	003			3	1	FH0000000		FEED THROUGH HOLE	
	015.0	E 033	003			3	1	FH0000000		FEED THROUGH HOLE	TO P7 16
	016.0	E 031	118			3	1	FH0000000		FEED THROUGH HOLE	
AA	0119.000.0	E 072	003			3	1	FH0000000		FEED THROUGH HOLE	FROM P7 K
	001.0	F 162	003			3	1	FH0000000		FEED THROUGH HOLE	
	002.0	E 018	003			3	1	FH0000000		FEED THROUGH HOLE	
	003.0	F 216	003			3	1	FH0000000		FEED THROUGH HOLE	
	004.0	F 211	010	D	A		1	0223292	13	1N662	GATE
	005.0				C		1				
	006.0	F 024	025	D	A	2	1	0223292	12	1N662	GATE
	007.0	F 024	026	D	A	2		0223292	11	1N662	GATE
	008.0	F 024	024	R		2		0223393	01	12K OHM 5PC 1/2W	LOAD
	009.0						1				
AA	0120.000.0	F 025	026	R				0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	F 026	025	C		2		0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0						1				
	003.0	F 025	024	R			1	0804044		22K OHM 5PC 1/2W	BIAS
	004.0	F 025	023	D	A		1	0223292		1N662	CLAMP
	005.0	F 211	080	Q	B	1	1	0804111		2N2635	INV
	006.0	F 024	022	R		2		0223388		3.3K OHM 5PC 1/2W	LOAD
	007.0	F 025	022	R				0223403		6.8K OHM 5PC 1/2W	BIAS
	008.0	F 223	080	Q	B	1	1	0804008		2N1304	EF
	009.0				E		1				
	010.0	F 024	023	R		2		0223408	01	820 OHM 5PC 1/2W	LOAD
	011.0						1				
	012.0	F 210	003			3	1	FH0000000		FEED THROUGH HOLE	
	013.0	E 024	003			3	1	FH0000000		FEED THROUGH HOLE	
	014.0	F 192	007	S	1	1	1	0803214		TEST POINT	SHFTATOC
	015.0						1				
AA	0121.000.0	D 001	017	D	A			0223292	11	1N662	GATE
	001.0	C 194	123			3	1	FH0000000		FEED THROUGH HOLE	FROM P8 6
	002.0	C 207	003			3	1	FH0000000		FEED THROUGH HOLE	
	003.0	D 027	003			3	1	FH0000000		FEED THROUGH HOLE	
	004.0	D 030	012	S	1	1	1	0803214		TEST POINT	COMPARE
	005.0						1				

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	006.0	D 002 018	D	A	2	1		0223292	12	1N662	GATE
	007.0	D 023 071	D	A	2	1	1	0223292	13	1N662	GATF
	008.0			C							
	009.0	D 011 080	R				1	0223393	01	12K OHM 5PC 1/2W	LOAD
	010.0						1				
AA 0122.	000.0	D 023 077	R		2	1		0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0						1				
	002.0	D 001 020	R					0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 011 085	Q	B		1	1	0223297		2N1305	INV
	004.0	D 011 090	R				1	0223353	01	8.2K OHM 5PC 1/2W	LOAD
	005.0						1				
	006.0	D 022 012	S		1	1	1	0803214		TEST POINT	ENABLE ATOD
	007.0						1				
	008.0	D 018 003					3	FH0000000		FEED THROUGH HOLE	
	009.0	C 216 003					3	FH0000000		FEED THROUGH HOLE	TO P8 D
AB 0123.	000.0	E 078 003					3	FH0000000		FEED THROUGH HOLE	FROM P7 F
	001.0	F 156 003					3	FH0000000		FEED THROUGH HOLE	
	002.0	F 019 005	D	A			1	0223292	11	1N662	GATE
	003.0	E 027 003					3	FH0000000		FEED THROUGH HOLE	
	004.0	F 207 003					3	FH0000000		FEED THROUGH HOLE	
	005.0	F 024 003	D	A	2		1	0223292	12	1N662	GATE
	006.0	F 024 008	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD
AA 0124.	000.0	F 023 005	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	F 024 004	C		2			0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0	F 026 002	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS
	004.0	F 025 003	D	A				0223292		1N662	CLAMP
	005.0	F 026 004	Q	B	1			0804111		2N2635	INV
	006.0	F 024 007	R		2			0223388		3.3K OHM 5PC 1/2W	LOAD
	007.0	F 025 004	R					0223403		6.8K OHM 5PC 1/2W	BIAS
	008.0	F 025 004	Q	B				0804008		2N1304	EF
	009.0	F 024 006	R		2			0223408	01	820 OHM 5PC 1/2W	LOAD
	010.0	F 184 015	S		3	1	1	0803214		TEST POINT	SHFTATOD
	011.0						1				
AA 0125.	000.0	F 026 016	R		2			0223353	11	8.2K OHM 5PC 1/2W	COUPLING
	001.0	F 025 017	R					0804044		22K OHM 5PC 1/2W	BIAS
	002.0	F 025 017	Q	B	2			0223297		2N1305	INV
	003.0	F 024 017	R		2			0223401	01	4.7K OHM 5PC 1/2W	LOAD
AA 0126.	000.0	F 024 016	D	A	2			0223292	11	1N662	GATE
	001.0	F 024 015	D	A	2			0223292	12	1N662	GATE
	002.0	F 024 014	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD
	003.0						1				
AA 0127.	000.0	F 023 013	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	F 024 012	C		2		1	0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0	F 026 007	R		2		1	0804044		22K OHM 5PC 1/2W	BIAS
	004.0	F 025 008	D	A			1	0223292		1N662	CLAMP
	005.0	F 024 017	Q	B	1		1	0804111		2N2635	INV
	006.0	F 024 018	R		2		1	0223388		3.3K OHM 5PC 1/2W	LOAD
	007.0	F 025 009	R				1	0223403		6.8K OHM 5PC 1/2W	BIAS
	008.0	F 023 017	Q	B				0804008		2N1304	EF
	009.0			E			1				
	010.0	F 023 011	R				1	0223408	01	820 OHM 5PC 1/2W	
	011.0	F 196 015	S		3	1	1	0803214		TEST POINT	SHFTATOB
	012.0						1				
AA 0128.	000.0	D 002 028	D	A	2			0223292	11	1N662	GATF
	001.0	C 194 117					3	FH0000000		FEED THROUGH HOLE	FROM P8 A
	002.0	C 201 003					3	FH0000000		FEED THROUGH HOLE	
	003.0	D 033 003					3	FH0000000		FEED THROUGH HOLE	
	004.0	D 038 009	S		1	1	1	0803214		TEST POINT	ENABTOC
	005.0						1				
	006.0	D 002 029	D	A	2		1	0223292	12	1N662	GATE

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	007.0	D 002 031	D	A	2		1	0223292	I3	1N662	GATE
	008.0	D 002 030	D	A	2			0223292	I4	1N662	GATE
	009.0	D 001 034	R					0223393	O1	12K OHM 5PC 1/2W	LOAD
	010.0										
AA	0129.000.0	D 002 033	R				2	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0										
	002.0	D 001 032	R					0804044		22K OHM 5PC 1/2W	BIAS
	003.0	D 001 034	Q	B				0223297		2N1305	INV
	004.0	D 001 035	R					0223353	O1	8.2K OHM 5PC 1/2W	LOAD
	005.0										
	006.0	D 026 020	S		3	1	1	0803214		TEST POINT	ENADTOB
	007.0										
	008.0	D 021 003					3	FH0000000		FEED THROUGH HOLE	
	009.0	C 213 003					3	FH0000000		FEED THROUGH HOLE	TO P8 F
	010.0	F 025 015	D	A				0223292	I2	1N662	GATE
	011.0			C							
	012.0	F 222 003					3	FH0000000		FEED THROUGH HOLE	
	013.0	E 012 003					3	FH0000000		FEED THROUGH HOLE	TO P7 Y
AA	0130.000.0	F 025 014	D	A				0223292	I1	1N662	GATE
	001.0	F 025 013	D	A				0223292	I2	1N662	GATE
	002.0	F 024 010	R				2	0223393	O1	12K OHM 5PC 1/2W	LOAD
	003.0										
AA	0131.000.0	F 026 011	R				2	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	F 026 010	C				2	0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0	F 025 012	R					0804044		22K OHM 5PC 1/2W	BIAS
	003.0										
	004.0	F 025 018	D	A				0223292		1N662	CLAMP
	005.0	F 194 080	Q	B			1	0804111		2N2635	INV
	006.0	F 206 075	R				2	0223388		3.3K OHM 5PC 1/2W	LOAD
	007.0	F 211 075	R				1	0223403		6.8K OHM 5PC 1/2W	BIAS
	008.0	F 206 080	Q	B	1	1	1	0804008		2N1304	EF
	009.0			E							
	010.0	F 024 009	R				2	0223408	O1	12K OHM 5PC 1/2W	LOAD
	011.0										
AA	0132.000.0	D 005 030	D	A				0223292	I1	1N662	GATE
	001.0			C							
	002.0	D 005 029	D	A				0223292	I2	1N662	GATE
	003.0			C							
	004.0	D 005 034	R					0223393	O1	12K OHM 5PC 1/2W	LOAD
	005.0										
AA	0133.000.0	D 006 033	R				2	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	D 006 032	C				2	0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0										
	003.0	D 005 031	R					0804044		22K OHM 5PC 1/2W	BIAS
	004.0	D 005 034	Q	B				0223297		2N1305	INV
	005.0			C							
	006.0	D 005 035	R					0223401	O1	4.7K OHM 5PC 1/2W	LOAD
	007.0										
	008.0	D 050 015	S		3	1	1	0803214		TEST POINT	NOT READ IN D
	009.0										
	010.0	D 039 003					3	FH0000000		FEED THROUGH HOLE	
	011.0	C 195 003					3	FH0000000		FEED THROUGH HOLE	
AB	0134.000.0	D 090 027	D	A	2		1	0223292	I1	1N662	GATE
	001.0	C 160 122					3	FH0000000		FEED THROUGH HOLE	FROM P8 13
	002.0	C 156 003					3	FH0000000		FEED THROUGH HOLE	
	003.0	D 078 003					3	FH0000000		FEED THROUGH HOLE	
	004.0	D 082 012	S		1	1	1	0803214		TEST POINT	NADD
	005.0	D									
	006.0	D 074 040	D	A	2		1	0223292	I2	1N662	GATE
	007.0	C 156 123					3	FH0000000		FEED THROUGH HOLE	FROM P8 15
	008.0	C 150 003					3	FH0000000		FEED THROUGH HOLE	

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	009.0	D 084 003						3 1 FH0000000		FFED THROUGH HOLE	
	010.0	D 090 012 S						1 1 1 0803214		TEST POINT	NC15TIME
	011.0							1			
	012.0	D 010 008 D		A	2			1 0223292	I3	1N662	GATF
	013.1	D 106 039 D		A	2			1 0223292	I4	1N662	GATE
	014.0	D 012 007 D		A	2			1 0223292	I5	1N662	GATF
	015.0	D 045 049 R						1 0223393	O1	12K OHM 5PC 1/2W	LOAD
	016.0							1			
AA	0135.000.0	D 006 011 R						2 1 0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0							1			
	002.0	D 006 010 C						2 1 0804079		330 PF 10PC 300V MICA	SPEED UP
	003.0	D 045 040 R						1 0804044		22K OHM 5PC 1/2W	BIAS
	004.0	D 045 054 Q		B				1 1 0223297		2N1305	INV
	005.0							1			
	006.0	D 045 059 R						1 1 0804043	O1	5.6K OHM 5PC 1/2W	LOAD
	007.0							1			
	008.0	D 046 007 S						1 1 1 0803214		TEST POINT	ENA ADVD
	009.0	D						1			
	010.0	D 045 003						3 1 FH0000000		FEED THROUGH HOLE	
	011.0	C 189 003						3 1 FH0000000		FEED THROUGH HOLE	
AA	0136.000.0	C 023 029 D		A				1 0223292	I1	1N662	GATE
	002.0	C 024 030 D		A	2			1 0223292	I2	1N662	GATE
	003.0	C						1			
	004.0	C 023 034 R						1 0223257	O1	10K OHM 5PC 1/2W	LOAD
	005.0							1			
AA	0137.000.0	C 025 030 R						1 0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 026 029 C						2 0804076		100 PF 10PC 300V MICA	SPEED UP
	002.0	C 026 028 R						2 0804044		22K OHM 5PC 1/2W	BIAS
	003.0	C 025 031 D		A				1 0223292		1N662	CLAMP
	004.0	C 025 031 Q		B				1 0804111		2N2635	INV
	005.0	C 026 034 R						2 0223257	O1	10K OHM 5PC 1/2W	LOAD TO P8 H
	006.0	C 024 032 R						2 0223358		27K OHM 5PC 1/2W	
AA	0138.000.0	E 129 003						3 1 FH0000000		FFED THROUGH HOLE	FROM P6 V
	001.0	F 105 003						3 1 FH0000000		FFED THROUGH HOLE	
	002.0	F 012 002 C						2 1 0804076	I1	100 PF 10PC 300V MICA	SPEED UP
	003.0							1			
	004.0	F 011 003 R						1 0223403		6.8K OHM 5PC 1/2W	COUPLING
	006.0	F 013 002 R						1 0804044		22K OHM 5PC 1/2W	BIAS
	007.0	F 010 004 D		A	2			1 0223292		1N662	CLAMP
	008.0	F 010 004 Q		B	3			1 0804111		2N2635	INV
	009.0							1			
	010.0	F 010 001 R						2 1 0223388	O1	3.3K OHM 5PC 1/2W	LOAD
AB	0139.000.0	F 009 003 R						1 0804043	I1	5.6K OHM 5PC 1/2W	COUPLING
	001.0	F 010 002 C						2 0804076		100 PF 10PC 300V MICA	SPEED UP
	002.0	F 014 003 R						2 1 0223358		27K OHM 5PC 1/2W	BIAS
	004.0	F 012 004 D		A	2			1 0223292		1N662	CLAMP
	005.0	F 012 004 Q		B	3			1 0804111		2N2635	INV
	006.0	F 012 001 R						2 0223388		3.3K OHM 5PC 1/2W	LOAD
	007.0	F 014 004 R						2 1 0223403		6.8K OHM 5PC 1/2W	BIAS
	008.0	F 014 004 Q		B				1 0804008		2N1304	EF
	009.0							1			
	010.0	F 014 001 R						2 1 0223259	O1	680 OHM 5PC 1/2W	LOAD
	011.0	F 123 003						3 1 FH0000000		FFED THROUGH HOLE	
	012.0	E 111 003						3 1 FH0000000		FEED THROUGH HOLE	
	013.0	F 168 007 S						1 1 1 0803214		TEST POINT	ADV D
	014.0							1			
AA	0140.000.0	E 004 027 D		A	2			1 0223292	I2	1N662	GATE FROM P7 R
	001.0	E 001 032 D		A				1 0223292	I1	1N662	GATE FROM P7 20
	002.0	E						1			
	003.0	E 003 026 D		A				1 0223292	I3	1N662	GATE
	004.0	E 001 031 D		A				1 0223292	I4	1N662	GATE FROM P7 19

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	0146.	000.0	E 076 064		3	1			FH0000000		FEED THROUGH HOLE	*Y+ 025* FROM P7 H
		001.0	E 006 017	D	A	2			0223292	11	1N662	GATE
		002.0			C							
		003.0	E 005 026	D	A				0223292	12	1N662	GATE FROM P7 P
		004.0	E 006 025	D	A	2			0223292	13	1N662	GATE FROM P7 M
		005.0			C							
		006.0	E 006 016	D	A	2			0223292	14	1N662	GATE
		007.0	E 006 027	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD
		008.0										
AA	0147.	000.0	E 006 023	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
		001.0	E 005 024	C					0804079		330 PF 10PC 300V MICA	SPEED UP
		002.0	E 005 022	R					0804044		22K OHM 5PC 1/2W	BIAS
		003.0	E 006 020	D	A	2			0223292		1N662	CLAMP
		004.0	E 006 019	Q	B	1			0804111		2N2635	INV
		005.0			C							
		006.0	E 005 018	R					0223388		3.3K OHM 5PC 1/2W	LOAD
		007.0										
		008.0	E 006 021	R		2			0223403		6.8K OHM 5PC 1/2W	BIAS
		009.0										
		010.0	E 005 019	Q	B				0804008		2N1304	EF
		011.0	E 006 019	R		2			0223408	01	820 OHM 5PC 1/2W	LOAD
		012.0	E									
AA	0148.	000.0	E 003 004	D	A				0223292	11	1N662	GATE
		001.0			C							
		002.0	E 004 014	D	A	2			0223292	12	1N662	GATE FROM P7 V
		003.0	E 005 013	D	A				0223292	13	1N662	GATE FROM P7 N
		004.0	E 005 012	D	A				0223292	14	1N662	GATE
		005.0	E 003 013	D	A				0223292	15	1N662	GATE
		006.0			C							
		007.0	E 006 011	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD
		008.0	E									
AA	0149.	000.0	E 006 010	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
		001.0	E 005 009	C					0804076		100 PF 10PC 300V MICA	SPEED UP
		002.0	E 005 008	R					0804044		22K OHM 5PC 1/2W	BIAS
		003.0	E 002 003	D	A	2			0223292		1N662	CLAMP
		004.0	E 002 002	Q	B	1			0804111		2N2635	INV
		005.0	E 001 001	R					0223403	01	6.8K OHM 5PC 1/2W	
		006.0	E 021 003			3	1		FH0000000		FEED THROUGH HOLE	
		007.0	F 213 003			3	1		FH0000000		FEED THROUGH HOLE	
		008.0	F 025 001	R					0804044		22K OHM 5PC 1/2W	
AA	0150.	000.0	E 003 011	D	A				0223292	11	1N662	GATE
		001.0			C							
		002.0	E 003 005	D	A				0223292	12	1N662	GATE
		003.0	E 004 012	R		2			0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0151.	000.0	E 004 006	R		2			0223393	11	12K OHM 5PC 1/2W	COUPLING
		001.0										
		002.0	E 003 010	R					0804044		22K OHM 5PC 1/2W	BIAS
		003.0	E 003 002	Q	B				0223297		2N1305	INV
		004.0			C							
		005.0	E 003 001	R					0223393	01	12K OHM 5PC 1/2W	LOAD
		006.0										
AA	0152.	000.0	E 001 012	D	A				0223292	11	1N662	GATE FROM P7 Z
		001.0			C							
		002.0	E 002 011	R		2			0223257		10K OHM 5PC 1/2W	LOAD
		003.0	E 001 008	R					0223403		6.8K OHM 5PC 1/2W	COUPLING
		005.0	E 001 009	C					0804076		100 PF 10PC 300V MICA	SPEED UP
		006.0	E 001 010	R					0804044		22K OHM 5PC 1/2W	BIAS
		007.0										
		008.0	E 015 003			3	1		FH0000000		FEED THROUGH HOLE	
		009.0	F 219 003			3	1		FH0000000		FEED THROUGH HOLE	
		010.0	E 002 004	D	A	2			0223292		1N662	CLAMP

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF=LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	011.0	E 001 002	Q	B			1	0804111		2N2635	INV
	012.0			C			1				
	013.0	E 001 002	R				1	0223401	01	4.7K OHM 5PC 1/2W	LOAD
AA	0153.000.0	E 001 006	D	A			1	0223292	12	1N662	GATE
	001.0	E 001 005	D	A				0223292	11	1N662	GATE
	002.0	E 002 007	R			2		0223257	01	10K OHM 5PC 1/2W	LOAD
AB	0154.000.0	E 003 007	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	E 003 008	C					0804076		100 PF 10PC 300V MICA	SPEED UP
	002.0	E 004 009	R			2		0804044		22K OHM 5PC 1/2W	BIAS
	003.0	E 004 003	D	A		2		0223292		1N662	CLAMP
	004.0	E 004 002	Q	B		1		0804111		2N2635	INV
	005.0			C							
	006.0	E 004 002	R			2		0223388	01	3.3K OHM 5PC 1/2W	LOAD
AA	0155.000.0	E 005 005	R				1	0804043	11	5.6K OHM 5PC 1/2W	COUPLING
	001.0	E 005 006	C					0804076		100 PF 10PC 300V MICA	SPEED UP
	002.0	E 006 007	R			2		0223358		27K OHM 5PC 1/2W	BIAS
	003.0	E 006 003	D	A		2		0223292		1N662	CLAMP
	004.0	E 006 002	Q	B		1		0804111		2N2635	INV
	005.0	E 006 002	R			2		0223388		3.3K OHM 5PC 1/2W	LOAD
	006.0	E 006 004	R			2		0223403		6.8K OHM 5PC 1/2W	BIAS
	007.0	E 005 002	Q	B				0804008		2N1304	EF
	008.0			E			1				
	009.0	E 006 001	R			2		0223259	01	680 OHM 5PC 1/2W	LOAD
	010.0	E 042 003					3	FH0000000		FEED THROUGH HOLE	
	011.0	F 192 003					3	FH0000000		FEED THROUGH HOLE	
	012.0	F 188 007	S			1	1	0803214		TEST POINT	ADVA
	013.0						1				
AA	0156.000.0	C 123 124					3	FH0000000		FEED THROUGH HOLE	FROM PA 22
	001.0	C 123 090	D	A		2	1	0223292	11	1N662	
	002.0			C							
	003.0	C 014 023	D	A		2	1	0223292	12	1N662	GATE
	004.0	C 128 075	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
	005.0										
AA	0157.000.0	C 013 025	R				1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 014 024	C			2		0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0	C 013 026	R			1		0804044		22K OHM 5PC 1/2W	BIAS
	004.0	C 128 080	Q	B		1		0223297		2N1305	INV
	005.0			E			1				
	006.0	C 015 026	R				1	0223253	01	2.2K OHM 5PC 1/2W	LOAD
	007.0						1				
	008.0	C 128 121					3	FH0000000		FEED THROUGH HOLE	TO P8 20
AA	0158.000.0	C 015 020	D	A			1	0223292	11	1N662	GATE
	001.0			C							
	002.0	C 016 019	D	A		2	1	0223292	12	1N662	GATE FROM P8 W
	003.0	C 144 078	R			1		0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0159.000.0	C 140 072	R				2	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	C 140 069	C			2	1	0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0	C 111 072	R			1	1	0804044		22K OHM 5PC 1/2W	BIAS
	003.0	C 144 083	Q	B		1		0223297		2N1305	INV
	004.0			C			1				
	005.0			E			1				
	006.0	C 017 027	R				1	0223253	01	2.2K OHM 5PC 1/2W	LOAD
	007.0						1				
AA	0160.000.0	C 012 007	D	A		2		0223292	11	1N662	GATE
	001.0			C							
	002.0	C 010 007	D	A		2	1	0223292	12	1N662	GATE
	003.0	C 011 006	R				1	0223326	01	15K OHM 5PC 1/2W	LOAD
	004.0						1				
AA	0161.000.0	C 140 124					3	FH0000000		FEED THROUGH HOLE	FROM P8 19

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV	REF-LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN	PART	REMARKS		
LTR	INSERT								OUT	DESCRIPTION			
	001.0	C 015 031	D	A			1	0223292	11	1N662	GATF		
	002.0	C 015 030	D	A			1	0223292	12	1N662	GATE FROM P8 2		
	003.0	C 017 031	R					0223326	01	15K OHM 5PC 1/2W	LOAD		
	004.0						1						
AA 0162.	000.0	C 018 030	R				2	1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING	
	001.0							1					
	002.0	C 018 029	C				2	1	0804079		330 PF 10PC 300V MICA	SPEED UP	
	003.0							1					
	004.0	C 017 028	R					1	0804044		22K OHM 5PC 1/2W	BIAS	
	005.0	C 017 031	Q	B				1	0223297		2N1305	INV	
	006.0			C				1					
	007.0			E				1					
	008.0	C 017 034	R					1	0223403	01	6.8K OHM 5PC 1/2W	LOAD	
	009.0							1					
AB 0163.	000.0	C 016 029	R				2	1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING	
	001.0							1					
	002.0	C 016 028	C				2	1	0804079		330 PF 10PC 300V MICA	SPEED UP	
	003.0	C 015 027	R					1	0223328		33K OHM 5PC 1/2W	BIAS	
	004.0	C 015 031	Q	B				1	0223297		2N1305	INV	
	005.0			C				1					
	006.0			E				1					
	007.0	C 015 034	R					1	0223253	01	2.2K OHM 5PC 1/2W	LOAD	
	008.0	C 144 123					3	1	FH0000000		FEED THROUGH HOLE	TO P8 17	
AA 0164.	000.0	F 006 004	D	A			2	1	0223292	11	1N662	GATE	
	001.0	E 174 003					3	1	FH0000000		FEED THROUGH HOLE	FROM P6 J	
	002.0	F 060 003					3	1	FH0000000		FEED THROUGH HOLE		
	003.0	F 007 004	D	A				1	0223292	12	1N662	GATE	
	004.0	F 008 005	R				2		0223257	01	10K OHM 5PC 1/2W	LOAD	
	005.0							1					
AB 0165.	000.0	E 063 003					3	1	FH0000000		FEED THROUGH HOLE		
	001.0	F 171 003					3	1	FH0000000		FEED THROUGH HOLE		
	002.0	F 020 006	D	A			2	1	0223292	11	1N662	GATE	
	003.0	E 090 003					3	1	FH0000000		FEED THROUGH HOLE		
	004.0	E 066 003					3	1	FH0000000		FEED THROUGH HOLE		
	005.0	F 144 003					3	1	FH0000000		FEED THROUGH HOLE		
	006.0	F 168 003					3	1	FH0000000		FEED THROUGH HOLE		
	007.0	F 017 001	D	A				1	0223292	12	1N662	GATE	
	008.0	F 018 002	R				2		0223393	01	12K OHM 5PC 1/2W	LOAD	
AB 0166.	000.0	F 018 005	R				2		0223403	11	6.8K OHM 5PC 1/2W	COUPLING	
	001.0	F 018 004	R				2	1	0804044		22K OHM 5PC 1/2W	BIAS	
	003.0	F 016 004	Q	B				1	0223297		2N1305	INV	
	003.1			C				1					
	004.0	F 015 002	R					1	0223353	01	8.2K OHM 5PC 1/2W	LOAD	
	005.0	F 138 003					3	1	FH0000000		FEED THROUGH HOLE		
	006.0	E 096 003					3	1	FH0000000		FEED THROUGH HOLE		
	007.0	E 113 127					3	1	FH0000000		FEED THROUGH HOLE	TO P7 2	
	008.0	F 160 007	S				1	1	1	0803214		TFST POINT	DCTRZERO
	009.0							1					
AA 0167.	000.0	F 016 003	R				2	1	0223257	11	10K OHM 5PC 1/2W	COUPLING	
	001.0							1					
	002.0	F 017 003	R					1	0223328		33K OHM 5PC 1/2W	BIAS	
	003.0	F 015 004	Q	B				1	0223297		2N1305	INV	
	004.0			C				1					
	005.0	F 015 001	R					1	0223353	01	8.2K OHM 5PC 1/2W	LOAD	
	006.0	F 132 003					3	1	FH0000000		FEED THROUGH HOLE		
	007.0	E 102 003					3	1	FH0000000		FEED THROUGH HOLE		
	008.0	E 121 127					3	1	FH0000000		FEED THROUGH HOLE	TO P6 21	
AA 0168.	000.0	H 003 036	D	A					0223292	11	1N662	GATF	
	001.0			C				1					
	002.0	H 005 029	D	A					0223292	12	1N662	GATE	

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0										
	004.0	H 006 028	R					0223393	01 12K	0HM 5PC 1/2W	
	005.0										
AA 0169.	000.0	H 006 032	R					0223403	11 6.8K	0HM 5PC 1/2W	COUPLING
	001.0	H 006 031	C					0804074		68 PF 10PC 300V MICA	SPEED UP
	002.0	H 005 030	R					0804044		22K 0HM 5PC 1/2W	BIAS
	003.0	H 005 034	D					0223292		1N662	CLAMP
	004.0	H 005 034	Q					0804111		2N2635	INV
	005.0										
	006.0	H 006 035	R					0223388	01 3.3K	0HM 5PC 1/2W	LOAD
	007.0										
	008.0	H 005 033	R					0223326		15K 0HM 5PC 1/2W	
AB 0170.	000.0	H 005 024	D					0223292	11 1N662		GATE
	001.0	H 007 024	R					0223257		10K 0HM 5PC 1/2W	LOAD
	002.0	H 005 026	R					0223403		6.8K 0HM 5PC 1/2W	COUPLING
	003.0	H 006 025	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	003.1	H 006 027	R					0804044		22K 0HM 5PC 1/2W	BIAS
	005.0	H 006 034	Q					0223297		2N1305	INV
	006.0	H 006 036	R					0223257	01 10K	0HM 5PC 1/2W	LOAD
AA 0171.	000.0	H 129 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	H 021 003						3 1 FH0000000		FFED THROUGH HOLE	
	002.0	G 213 003						3 1 FH0000000		FEED THROUGH HOLE	
	003.0	G 105 003						3 1 FH0000000		FFED THROUGH HOLE	
	004.0	G 012 001	D					0223292	11 1N662		GATE
	005.0	H 168 003						3 1 FH0000000		FFED THROUGH HOLE	
	006.0	H 069 003						3 1 FH0000000		FFED THROUGH HOLE	
	007.0	G 165 003						3 1 FH0000000		FEED THROUGH HOLE	
	008.0	G 066 003						3 1 FH0000000		FFED THROUGH HOLE	
	009.0	G 009 007	D					0223292	12 1N662		GATE
	010.0										
	011.0	H 158 123						3 1 FH0000000		FFED THROUGH HOLE	*Y+025*
	012.0	H 132 003						3 1 FH0000000		FEED THROUGH HOLE	
	013.0	G 102 003						3 1 FH0000000		FFED THROUGH HOLE	
	014.0	G 012 002	D					0223292	13 1N662		GATE
	015.0										
	016.0	G 012 003	D					0223292	14 1N662		GATE
	017.0										
	018.0	G 012 004	R					0223393	01 12K	0HM 5PC 1/2W	LOAD
AA 0172.	000.0	G 013 001	R					0223403	11 6.8K	0HM 5PC 1/2W	COUPLING
	001.0	G 013 002	C					0804076		100 PF 10PC 300V MICA	SPEED UP
	002.0										
	003.0	G 011 005	R					0804044		22K 0HM 5PC 1/2W	BIAS
	004.0	G 015 009	D					0223292		1N662	CLAMP
	005.0	G 015 009	Q					0804111		2N2635	INV
	006.0										
	007.0	G 012 006	R					0223401	01 4.7K	0HM 5PC 1/2W	LOAD
	008.0										
AB 0173.	000.0	G 014 005	R					0223403	11 6.8K	0HM 5PC 1/2W	COUPLING
	001.0										
	002.0	G 013 004	C					0804076		100 PF 10PC 300V MICA	SPEED UP
	002.1										
	003.0	G 014 003	R					0223328		33K 0HM 5PC 1/2W	BIAS
	005.0	G 117 003						3 1 FH0000000		FFED THROUGH HOLE	6V
	006.0	H 117 003						3 1 FH0000000		FEED THROUGH HOLE	6V
	007.0	G 013 006	D					0223292		1N662	CLAMP
	008.0	G 013 009	Q					0804111		2N2635	INV
	009.0										
	010.0	G 012 007	R					0223257	01 10K	0HM 5PC 1/2W	LOAD TO P5 E
	011.0										
AC 0174.	000.0	H 051 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 183 003						3 1 FH0000000		FEED THROUGH HOLE	

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	G 022 004	D	A	2			0223292	11	1N662	GATE
	003.0	G 021 004	D	C					01		
	004.0	G 020 004	R		2			0223326	12	15K OHM 5PC 1/2W	LOAD
	005.0								1		
AB 0175.	000.0	H 060 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 174 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 022 007	D	A	2			0223292	11	1N662	GATE
	003.0	G 021 007	D	C					01		
	004.0	G 020 007	R		2			0223326	12	15K OHM 5PC 1/2W	LOAD FROM P4 N
	005.0	G							1		
AB 0176.	000.0	H 042 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 192 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 022 003	D	A	2			0223292	11	1N662	GATE
	003.0	G 021 003	D	C					01		
	004.0	G 020 003	R		2			0223326	12	15K OHM 5PC 1/2W	
	005.0								1		
AB 0177.	000.0	H 099 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	H 063 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 135 003						3 1 FH0000000		FEED THROUGH HOLE	
	003.0	G 171 003						3 1 FH0000000		FEED THROUGH HOLE	
	004.0	G 022 008	D	A	2			0223292	11	1N662	GATE
	005.0	G 021 008	D	C					01		
	006.0	G 020 008	R		2			0223326	12	15K OHM 5PC 1/2W	LOAD
	007.0								1		
AB 0178.	000.0	H 054 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 180 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 022 005	D	A	2			0223292	11	1N662	GATE
	003.0	G 021 005	D	C					01		
	004.0	G 020 005	R		2			0223326	12	15K OHM 5PC 1/2W	LOAD FROM P4 P
	005.0								1		
AB 0179.	000.0	H 057 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 177 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 022 006	D	A	2			0223292	11	1N662	GATE
	003.0	G 021 006	D	C					01		FROM P4 J
	004.0	G 020 006	R		2			0223326	12	15K OHM 5PC 1/2W	LOAD
	005.0								1		
AC 0180.	000.0	H 045 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.1	G 189 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 022 002	D	A	2			0223292	11	1N662	GATE
	003.0	G 021 002	D	C					01		
	004.0	G 177 127						3 1 FH0000000		FEED THROUGH HOLE	FROM P4 R
	005.0	G 020 002	R		2			0223326	12	15K OHM 5PC 1/2W	LOAD
	006.0								1		
AB 0181.	000.0	H 048 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 186 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 022 001	D	A	2			0223292	11	1N662	GATE
	003.0	G 021 001	D	C					01		FROM P4 H
	004.0	G 020 001	R		2			0223326	12	15K OHM 5PC 1/2W	LOAD
AB 0182.	000.0	G 017 004	D	A				0223292		1N662	GATE
	001.0	G 018 004	D	C					1		FROM P4 V
	002.0	G 017 007	D	A				0223292		1N662	GATE
	003.0	G 018 007	D	C					12		
	004.0	G 017 003	D	A				0223292		1N662	GATE
	005.0	G 018 003	D	C					1		FROM P4 W
	006.0	G 017 008	D	A				0223292		01 1N662	GATE
	007.0	G 018 008	D	C					1		FROM P4 U
	008.0	G 017 005	D	A				0223292		1N662	GATE
	009.0	G 018 005	D	C					13		
	010.0	G 017 006	D	A				0223292		1N662	GATE

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	011.0	G 018	006	D					16		
	012.0	G 017	002	D				0223292	1N662		GATE
	013.0	G 010	002	D					17		
	014.0	G 017	001	D				0223292	1N662		GATE
	015.0	G 018	001	D					18		
AA	0183.000.0	G 016	008	R			2	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	G 015	007	R				0223358		27K OHM 5PC 1/2W	BIAS
	003.0	G 018	009	Q		B	1	0223297		2N1305	INV
	004.0										
	005.0	G 017	009	R				0223257	O1	10K OHM 5PC 1/2W	LOAD
AB	0184.000.0	G 211	073	D		A	1	0223292	I1	1N662	GATE
	001.1	G 025	019	D		A		0223292	I2	1N662	GATE
	002.0	G 138	126				3	FH0000000		FEED THROUGH HOLE	
	003.0	G 209	118				3	FH0000000		FEED THROUGH HOLE	
	004.0	G 211	067	D		A	1	0223292	I3	1N662	GATE
	005.0	G 223	064	R			2	0223393	O1	12K OHM 5PC 1/2W	LOAD
AD	0185.000.2	G 223	058	R			2	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.1	G 211	061	C				0804078		220 PF 10PC 300V MICA	SPEED UP
	002.0	G 223	055	R			2	0804044		22K OHM 5PC 1/2W	BIAS
	003.0	G 026	011	Q		B	1	0223297		2N1305	INV
	004.0										
	005.0	G 026	011	R			2	0223353	O1	8.2K OHM 5PC 1/2W	LOAD
AB	0186.000.0	H 039	003				3	FH0000000		FEED THROUGH HOLE	
	001.0	G 195	003				3	FH0000000		FEED THROUGH HOLE	
	002.0	G 189	078	D		A	2	0223292	I1	1N662	GATE
	003.0	H 036	003				3	FH0000000		FEED THROUGH HOLE	
	004.0	G 198	003				3	FH0000000		FEED THROUGH HOLE	
	005.0	G 022	023	D		A	2	0223292	I2	1N662	GATE
	006.0	G 189	075	R			2	0223393	O1	12K OHM 5PC 1/2W	LOAD
	007.0	G 147	121				3	FH0000000		FEED THROUGH HOLE	
	008.0	G 191	114				3	FH0000000		FEED THROUGH HOLE	*X+025 Y+025*
	009.0	G 023	025	D		A		0223292	I3	1N662	GATE
AA	0187.000.0	G 023	023	R				0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0										
	002.0	G 023	024	C				0804078		220 PF 10PC 300V MICA	SPEED UP
	003.0	G 025	023	R				0804044		22K OHM 5PC 1/2W	BIAS
	005.0	G 024	011	Q		B	1	0223297		2N1305	INV
	006.0	G 024	011	R			2	0223353	O1	8.2K OHM 5PC 1/2W	LOAD
	007.0										
AA	0188.000.0	F 021	024	D		A		0223292	I1	1N662	GATE
	001.0					C					
	002.0	F 021	023	D		A		0223292	I2	1N662	GATE
	003.0					C					
	004.0	F 022	019	R			2	0223393	O1	12K OHM 5PC 1/2W	LOAD
	005.0	F 200	015	S			3	0803214		TEST POINT	NOTCCTRZ
	006.0										
AA	0189.000.0	F 022	021	R			2	0223403	I1	6.8K OHM 5PC 1/2W	COUPLING
	001.0	F 022	020	C			2	0804078		220 PF 10PC 300V MICA	SPEED UP
	002.0										
	003.0	F 022	022	R			2	0804044		22K OHM 5PC 1/2W	BIAS
	004.0	F 021	017	Q		B	1	0223297		2N1305	INV
	005.0					C					
	006.0	F 022	018	R			2	0223353	O1	8.2K OHM 5PC 1/2W	LOAD
	007.0	F 174	033				3	FH0000000		FEED THROUGH HOLE	*X+025 Y+025*
	008.0	F 072	003				3	FH0000000		FEED THROUGH HOLE	
	009.0	E 162	003				3	FH0000000		FEED THROUGH HOLE	
	010.0	E 167	127				3	FH0000000		FEED THROUGH HOLE	TO P6 12
AA	0190.000.0	G 206	076	D		A	2	0223292	I1	1N662	GATE
	001.0	G 223	076	D		A	2	0223292	I2	1N662	GATE

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF=LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	G 181	127					3 1 FH0000000		FEED THROUGH HOLE	FROM P4 7
	003.0	G 022	017	D	A	2		1 0223292	13	1N662	GATE
	004.0	H 066	003					3 1 FH0000000		FEED THROUGH HOLE	
	005.0	G 168	003					3 1 FH0000000		FEED THROUGH HOLE	
	006.0	G 022	016	D	A	2		1 0223292	14	1N662	GATE
	007.0	G 189	072	R		2	1	0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0191.000	G 022	018	R		2	1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0							1			
	002.0	G 177	069	C		1	1	0804078		220 PF 10PC 300V MICA	SPEED UP
	003.0							1			
	004.0	G 023	022	R				0804044		22K OHM 5PC 1/2W	BIAS
	005.0	G 025	022	D	A		1	0223292		1N662	CLAMP
	006.0	G 025	011	Q	B		1	0804111		2N2635	INV
	007.0				C		1				
	008.0	G 026	010	R		2		0223353	01	8.2K OHM 5PC 1/2W	LOAD
	009.0	G 203	122			3	1	FH0000000		FEED THROUGH HOLE	TO P4 4
AA	0192.000	H 093	003					3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 141	003					3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 002	004	D	A	2		0223292	11	1N662	GATE
	003.0	G 001	006	D	A		1	0223292	12	1N662	GATE
	004.0				C		1				
	005.0	G 048	124					3 1 FH0000000		FEED THROUGH HOLE	TO P5 19
	006.0	G 051	003					3 1 FH0000000		FEED THROUGH HOLE	
	007.0	H 183	003					3 1 FH0000000		FEED THROUGH HOLE	
	008.0	G 147	003					3 1 FH0000000		FEED THROUGH HOLE	
	009.0	H 087	003					3 1 FH0000000		FEED THROUGH HOLE	
	010.0	H 201	003					3 1 FH0000000		FEED THROUGH HOLE	
	011.0	G 033	003					3 1 FH0000000		FEED THROUGH HOLE	
	012.0	G 002	003	D	A	2		0223292	13	1N662	GATE
	013.0	H 204	003					3 1 FH0000000		FEED THROUGH HOLE	
	014.0	G 030	003					3 1 FH0000000		FEED THROUGH HOLE	
	015.0	G 062	013					3 1 FH0000000		FEED THROUGH HOLE	
	016.0	G 002	005	D	A	2		0223292	14	1N662	GATE
	017.0	G 003	007	R				0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0193.000	G 002	007	R		2	1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	G 001	008	C				0804078		220 PF 10PC 300V MICA	SPEED UP
	002.0	G 001	009	R			1	0804044		22K OHM 5PC 1/2W	BIAS
	003.0	G 001	009	Q	B		1	0223297		2N1305	INV
	004.0	G 001	010	R			1	0223403	01	6.8K OHM 5PC 1/2W	LOAD
	005.0	G 016	076					3 1 FH0000000		FEED THROUGH HOLE	
	006.0	G 123	127					3 1 FH0000000		FEED THROUGH HOLE	
AA	0194.000	H 180	003					3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 054	003					3 1 FH0000000		FEED THROUGH HOLE	
	002.0	H 114	003					3 1 FH0000000		FEED THROUGH HOLE	
	003.0	G 120	003					3 1 FH0000000		FEED THROUGH HOLE	
	004.0	G 002	016	D	A	2		0223292	11	1N662	GATE
	005.0	H 195	003					3 1 FH0000000		FEED THROUGH HOLE	
	006.0	G 039	003					3 1 FH0000000		FEED THROUGH HOLE	
	007.0	G 002	015	D	A	2		0223292	12	1N662	GATE
	008.0	G 002	017	D	A	2		0223292	13	1N662	GATE FROM P5 20
	009.0	G 001	018	R				0223393	01	12K OHM 5PC 1/2W	LOAD
	010.0						1				
AA	0195.000	G 001	013	R				0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	G 001	014	C				0804078		220 PF 10PC 300V MICA	SPEED UP
	002.0	G 001	012	R				0804044		22K OHM 5PC 1/2W	BIAS
	003.0	G 002	009	Q	B	3		0223297		2N1305	INV
	004.0	G 001	011	R				0223297	01	10K OHM 5PC 1/2W	LOAD
	005.0	G					1				
AB	0196.000	G 018	028	D	A	2	1	0223292	11	1N662	GATE
	001.0	H 084	003					3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 150	003					3 1 FH0000000		FEED THROUGH HOLE	

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	G 019 027	D	A				1 0223292	12	1N662	GATE
	004.0			C				1			
	005.0	G 138 077						3 1 FH0000000		FEED THROUGH HOLE	
	006.0	G 017 029	D	A				1 0223292	13	1N662	GATE
	007.0			C				1			
	008.0	G 017 030	D	A				1 0223292	14	1N662	GATE
	009.0			C				1			
	010.0	H 207 003						3 1 FH0000000		FEED THROUGH HOLE	
	011.0	G 027 003						3 1 FH0000000		FEED THROUGH HOLE	
	012.0	H 192 003						3 1 FH0000000		FEED THROUGH HOLE	
	013.0	G 042 003						3 1 FH0000000		FEED THROUGH HOLE	
	014.0	G 043 072						3 1 FH0000000		FEED THROUGH HOLE	
	015.0	G 142 070						3 1 FH0000000		FEED THROUGH HOLE	
	016.0	G 017 031	D	A				1 0223292	15	1N662	*Y+025* GATE
	017.0	G 019 028	R					1 0223326	01	15K OHM 5PC 1/2W	LOAD
	018.0							1			
AB	0197.000.0	G 020 026	R					2 1 0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	G 019 025	C					1 0804078		220 PF 10PC 300V MICA	SPEED UP
	002.0	G 020 024	R					2 1 0804044		22K OHM 5PC 1/2W	BIAS
	004.0	G 175 094						3 1 FH0000000		FEED THROUGH HOLE	
	006.2	G 019 020	Q	B				1 0223297		2N1305	INV
	006.3			C				1			
	007.0	G 019 023	R					1 0223353	01	8.2K OHM 5PC 1/2W	LOAD
	008.0							1			
AA	0198.000.0	E 142 126						3 1 FH0000000		FEED THROUGH HOLE	FROM P6 19
	001.0	E 126 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	F 108 003						3 1 FH0000000		FEED THROUGH HOLE	
	003.0	E 051 003						3 1 FH0000000		FEED THROUGH HOLE	
	004.0	F 183 003						3 1 FH0000000		FEED THROUGH HOLE	
	005.0	F 022 026	D	A				2 1 0223292	11	1N662	GATE
	006.0			C				1			
	007.0	F 021 030	R					1 0223393		12K OHM 5PC 1/2W	LOAD
	008.0	F 021 028	R					1 0804043		5.6K OHM 5PC 1/2W	COUPLING
	009.0	F 022 027	C					2 1 0804076		100 PF 10PC 300V MICA	SPEED UP
	010.0							1			
	011.0	F 022 029	R					2 1 0804044		22K OHM 5PC 1/2W	BIAS
	012.0	F 022 033	D	A				2 1 0223292		1N662	CLAMP
	013.0	F 022 032	Q	B				1 1 0804111		2N2635	INV
	014.0	F 022 031	R					2 1 0223388		3.3K OHM 5PC 1/2W	
	015.0	F 022 032	R					2 1 0223403		6.8K OHM 5PC 1/2W	BIAS
	016.0	F 021 032	Q	B				1 1 0804008		2N1304	EF
	017.0			E				1			
	018.0	F 021 025	R					1 0223259	01	680 OHM 5PC 1/2W	LOAD
	019.0							1			
AA	0199.000.0	G 211 107	D	A				1 1 0223292	11	1N662	GATE
	001.0	G 211 110	D	A				1 1 0223292	12	1N662	GATE
	002.0	G 211 113	D	A				1 1 0223292	13	1N662	GATE
	003.0	G 223 116	R					2 1 0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0200.000.0	G 223 098	R					2 1 1 0223403		6.8K OHM 5PC 1/2W	COUPLING
	002.0	G 211 101	C					1 1 0804079	11	330 PF 10PC 300V MICA	SPEED UP
	003.0	G 211 104	R					1 1 0804044		22K OHM 5PC 1/2W	BIAS
	004.0	G 026 025	Q	B				1 1 0223297		2N1305	INV
	005.0	G 026 025	Q	C					01		
AA	0201.000.0	G 021 036	D	A				1 0223292	11	1N662	GATE
	001.0	G 206 119	D	A				2 1 0223292	12	1N662	GATE
	002.0	G 189 116	R					2 1 1 0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0202.000.0	H 027 003						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	G 207 003						3 1 FH0000000		FEED THROUGH HOLE	
	002.0	G 206 107	D	A				2 1 1 0223292	11	1N662	GATE
	003.0			C				1			
	004.0	G 194 113	D	A				1 1 0223292	12	1N662	GATE

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0			C			1				
	006.0	G 194 110	D	A	1	1		0223292	13 1N662		GATE
	007.0			C			1				
	008.0	G 194 116	R				1	0223393	01 12K OHM 5PC 1/2W		LOAD
AA	0203.000.0	G 206 098	R		2	1	1	0223403	11 6.8K OHM 5PC 1/2W		COUPLING
	002.0	G 194 101	C				1	0804079	330 PF 10PC 300V MICA		SPEED UP
	003.0	G 194 104	R				1	0804044	22K OHM 5PC 1/2W		BIAS
	004.0	G 024 025	Q	B	1	1		0223297	2N1305		INV
	005.0	G 024 025	Q	C					01		
AB	0204.000.0	G 177 101	C				1	0804079	11 330 PF 10PC 300V MICA		SPEED UP
	001.0	G 189 098	R		2	1	1	0223403	6.8K OHM 5PC 1/2W		COUPLING
	002.0	G 189 104	R		2	1		0804044	22K OHM 5PC 1/2W		BIAS
	003.0	G 022 025	Q	B	1	1		0223297	2N1305		INV
	004.0	G 022 025	R		2	1		0223253	01 2.2K OHM 5PC 1/2W		LOAD TO P4 F
	005.0						1				
AA	0205.000.0	H 014 018	C				2	0804078	11 220 PF 10PC 300V MICA		SPEED UP
	001.0	H 013 019	R				1	0223257	10K OHM 5PC 1/2W		COUPLING
	002.0	H 013 021	R				1	0223328	33K OHM 5PC 1/2W		BIAS
	003.0						1				
	004.0	H 012 020	Q	B	3			0223297	2N1305		INV
	005.0			C			1				
	006.0	H 012 025	R		2	1		0223403	01 6.8K OHM 5PC 1/2W		LOAD
AA	0206.000.0	G 144 113	D	A			1	0223292	11 1N662		GATE
	001.0			C			1				
	002.0	G 144 110	D	A			1	0223292	12 1N662		GATE
	003.0			C			1				
	004.0	G 057 124			3	1		FH0000000	FEED THROUGH HOLE		FROM P5 16
	005.0	G 055 120			3	1		FH0000000	FEED THROUGH HOLE		
	006.0	G 144 119	D	A			1	0223292	13 1N662		GATE
	007.0	G 156 116	R		2	1	1	0223393	01 12K OHM 5PC 1/2W		LOAD
AA	0207.000.0	G 160 110	R				1	0223403	11 6.8K OHM 5PC 1/2W		COUPLING
	001.0						1				
	002.0	G 172 107	R		2	1	1	0804044	22K OHM 5PC 1/2W		BIAS
	003.0						1				
	004.0	G 020 028	Q	B	1	1		0223297	2N1305		INV
	005.0			C			1				
	006.0	G 160 116	R				1	0223401	01 4.7K OHM 5PC 1/2W		LOAD
	007.0						1				
AA	0208.000.0	G 172 119	R		2	1	1	0223403	11 6.8K OHM 5PC 1/2W		COUPLING
	001.0						1				
	002.0	G 019 036	C				1	0804078	220 PF 10PC 300V MICA		SPEED UP TO P4 L
	003.0						1				BIAS FROM P4 R
	004.0	G 019 037	R				1	0223328	33K OHM 5PC 1/2W		
	006.0	G 019 028	Q	B			1	0223297	2N1305		INV
	007.0			C			1				
	008.0	G 160 113	R				1	0223257	01 10K OHM 5PC 1/2W		LOAD
	009.0						1				
	010.0	G 008 036			2	1		FH0000000	FEED THROUGH HOLE		TO P5 P
AA	0209.000.0	G 015 020	D	A			1	0223292	11 1N662		GATE
	001.0	G 076 072			3	1		FH0000000	FEED THROUGH HOLE		
	002.0	H 159 003			3	1		FH0000000	FEED THROUGH HOLE		
	003.0	G 075 003			3	1		FH0000000	FEED THROUGH HOLE		
	004.0	G 013 020	D	A				0223292	12 1N662		GATE
	005.0	G 017 018	R					0223393	01 12K OHM 5PC 1/2W		LOAD
AB	0210.000.0	G 144 069	C				1	0804079	11 330 PF 10PC 300V MICA		SPEED UP
	001.1	G 018 020	R		2			0223403	6.8K OHM 5PC 1/2W		COUPLING
	002.0	G 018 023	R		2	1		0804044	22K OHM 5PC 1/2W		BIAS
	003.0						1				
	004.0	G 018 020	Q	B	1	1		0223297	2N1305		INV

FRIDEN INC
FC/130 CONSTRUCTION FILE

REV LTR	REF-INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0				C				1			
	006.0	G 018	024	R	2				0223401	01	4.7K OHM 5PC 1/2W	LOAD TO P4 T
AC	0211.000.0	G 017	025	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	001.0	G 018	026	R	2				0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	003.0	G 017	027	R					0223328		33K OHM 5PC 1/2W	BIAS
	004.0	G 017	020	Q	B				0223297		2N1305	INV
	005.0				C							
	006.0	G 016	022	R	2				0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0212.000.0	H 013	016	D	A				0223292	11	1N662	GATE
	001.0	H 013	013	D	A				0223292	12	1N662	GATE
	002.0	H 013	011	D	A				0223292	13	1N662	GATE
	003.0	H 013	014	D	A			1	0223292	14	1N662	GATE
	004.0	H 014	009	R	2				0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0213.000.0	H 014	008	R	2				0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0							1				
	002.0	H 013	003	R				1	0804044		22K OHM 5PC 1/2W	BIAS
	003.0							1				
	004.0	H 013	003	Q	B			1	0223297		2N1305	INV
	005.0				C			1				
	006.0	H 013	006	R					0223403	01	6.8K OHM 5PC 1/2W	LOAD
	007.0	H 108	003			3	1		FH0000000		FEED THROUGH HOLE	
	008.0	G 126	003			2	1		FH0000000		FEED THROUGH HOLE	TO P4 Z
AA	0214.000.0	H 010	008	D	A	2			0223292	11	1N662	GATE
	001.0				C			1				
	002.0	H 009	009	R				1	0223403		6.8K OHM 5PC 1/2W	LOAD
	003.0							1				
	004.0	H 106	022			3	1		FH0000000		FEED THROUGH HOLE	
	005.0	H 013	002	R				1	0223403		6.8K OHM 5PC 1/2W	COUPLING
	006.0	H 014	001	C	2				0804079		330 PF 10PC 300V MICA	SPEED UP
	007.0	H 009	001	R				1	0223328		33K OHM 5PC 1/2W	BIAS
	008.0	H 078	003			3	1		FH0000000		FEED THROUGH HOLE	6V
	009.0	G 156	003			3	1		FH0000000		FEED THROUGH HOLE	6V
	010.0	G 210	003			3	1		FH0000000		FEED THROUGH HOLE	6V
	011.0	H 024	003			3	1		FH0000000		FEED THROUGH HOLE	6V
	013.0	H 014	003	Q	B	1			0223297		2N1305	INV
	014.0	H 012	003	R	2			1	0223257	01	10K OHM 5PC 1/2W	LOAD
	015.0	H 105	003			3	1		FH0000000		FEED THROUGH HOLE	
	016.0	G 129	003			3	1		FH0000000		FEED THROUGH HOLE	TO P4 Y
AB	0215.000.0	H 011	014	D	A			1	0223292	11	1N662	GATE
	000.1							1				
	001.0	H 013	017	D	A				0223292	12	1N662	GATE
	002.0	H 013	012	D	A				0223292	13	1N662	GATE
	003.0	H 013	015	D	A			1	0223292	14	1N662	GATE
	004.0	H 012	009	R	2			1	0223326	01	15K OHM 5PC 1/2W	LOAD
AA	0216.000.0	H 012	008	R	2				0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0							1				
	002.0	H 010	002	R	2			1	0804044		22K OHM 5PC 1/2W	BIAS
	003.0							1				
	004.0	H 011	003	Q	B			1	0223297		2N1305	INV
	005.0				C			1				
	006.0	H 012	006	R	2				0223401	01	4.7K OHM 5PC 1/2W	LOAD
AA	0217.000.0	H 011	012	D	A				0223292	11	1N662	GATE
	001.0				C			1				
	002.0	H 011	011	D	A				0223292	12	1N662	GATE
	003.0				C			1				
	004.0	H 011	013	D	A				0223292	13	1N662	GATE
	005.0				C			1				
	006.0	H 013	007	R					0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0218.000.0	H 012	007	R	2			1	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0							1				

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	H	007 003	R					1 0804044		22K OHM 5PC 1/2W	BIAS
	003.0	H	010 003	Q	B	1			1 0223297		2N1305	INV
	004.0	H	009 003	R					1 0223353	01	8.2K OHM 5PC 1/2W	LOAD
	005.0								1			
	006.0	H	018 003						3 1 FH0000000		FEED THROUGH HOLE	
	007.0	G	216 003						3 1 FH0000000		FEED THROUGH HOLE	
AA	0219.000.0	H	078 008						3 1 FH0000000		FEED THROUGH HOLE	
	001.0	H	009 014	D	A				1 0223292	11	1N662	GATF
	002.0				C				1			
	003.0	H	009 012	D	A				1 0223292	12	1N662	GATE
	004.0				C				1			
	005.0	H	009 015	D	A				1 0223292	13	1N662	GATE
	006.0				C				1			
	007.0	H	009 013	D	A				1 0223292	14	1N662	GATE
	008.0				C				1			
	009.0	H	010 011	R		2			1 0223393	01	12K OHM 5PC 1/2W	LOA+
AA	0220.000.0	H	010 007	R		2			1 0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	H	007 004	R					1 0804044		22K OHM 5PC 1/2W	BIAS
	002.0	H	009 003	Q	B				1 0223297		2N1305	INV
	003.0				C				1			
	004.0	H	009 006	R					1 0223257	01	10K OHM 5PC 1/2W	LOAD
	005.0								1			
	006.0	H	072 003			3			1 FH0000000		FEED THROUGH HOLE	TO P4 S
	007.0	G	162 003			3			1 FH0000000		FEED THROUGH HOLE	
AA	0221.000.0	G	015 018	D	A				1 0223292	11	1N662	GATE
	001.0				C				1			
	002.0	G	128 069	D	A	1			1 0223292	12	1N662	GATE
	003.0				C				1			
	004.0	G	017 017	R					1 0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0222.000.0	H	025 004	D	A				1 0223292	11	1N662	GATE
	001.0	H	024 003	D	A	2			1 0223292	12	1N662	GATF
	002.0	H	026 002	R		2			1 0223393	01	12K OHM 5PC 1/2W	
	003.0								1			
AA	0223.000.0	H	018 005	D	A	2			1 0223292	11	1N662	GATE
	001.0	H	016 003	D	A	2			1 0223292	12	1N662	GATE
	002.0	H	016 005	R		2			1 0223393	01	12K OHM 5PC 1/2W	LOAD
AA	0224.000.0	H	177 003			3			1 FH0000000		FEED THROUGH HOLE	
	001.0	G	057 003			3			1 FH0000000		FEED THROUGH HOLE	
	002.0	H	102 003			3			1 FH0000000		FEED THROUGH HOLE	
	003.0	G	132 003			3			1 FH0000000		FEED THROUGH HOLE	
	004.0	G	016 013	D	A	2			1 0223292	11	1N662	GATE
	005.0	G	016 016	D	A	2			1 0223292	12	1N662	GATE
	006.0	G	015 015	R					1 0223393	01	12K OHM 5PC 1/2W	LOAD
AB	0225.000.0	G	018 016	D	A	2			0223292		1N662	GATE
	001.0	G	017 016	D	C					11		
	002.0	H	025 003	D	A				0223292		1N662	GATF
	003.0	H	026 003	D	C					12		
	004.0	H	016 004	D	A	2	1		0223292		1N662	GATE
	005.0	H	015 004	D	C					13		
	006.0	H	144 003			3			1 FH0000000		FEED THROUGH HOLE	
	007.0	G	090 003			3			1 FH0000000		FEED THROUGH HOLE	
	008.0	H	096 003			3			1 FH0000000		FEED THROUGH HOLE	
	009.0	G	138 003			3			1 FH0000000		FEED THROUGH HOLE	
	010.0	G	016 014	D	A	2			0223292		1N662	GATF
	011.0	G	015 014	D	C				1	14		
	012.0	H	018 004	D	A	2	1		0223292	15	1N662	GATE
	013.0	H	016 002	R		2			0223393		12K OHM 5PC 1/2W	LOAD
	014.0	H	018 003	D	A	2			0223292		1N662	GATE
	015.0	G	174 056			3			1 FH0000000		FEED THROUGH HOLE	*X+025*
	016.0	G	018 014	D	A	2			0223292	16	1N662	GATE

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF=LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	017.0	G 018 015	R				2	0223393		12K OHM 5PC 1/2W	LOAD
	018.0	G 017 013	D	A			1	0223292	01	1N662	GATE
AB	0226.000.0	G 017 012	C				1	0804078		220 PF 10PC 300V MICA	SPEED UP
	001.0						1				
	002.0	G 017 011	R				1	0223403		6.8K OHM 5PC 1/2W	COUPLING
	003.0	G 018 011	R				1		11		
	004.0	G 015 012	R				1	0223358		27K OHM 5PC 1/2W	BIAS
	005.0	G 016 009	Q	B			1	0223297		2N1305	INV
	006.0			C			1				
	007.0	G 016 011	R				2	0223403	01	6.8K OHM 5PC 1/2W	LOAD
	008.0						1				
AA	0227.000.0	G 016 010	R				2	0804044	11	22K OHM 5PC 1/2W	COUPLING
	001.0	G 017 010	R				1	0223328		33K OHM 5PC 1/2W	BIAS
	002.0	G 017 009	Q	B			1	0223297		2N1305	INV
	003.0			C			1				
	004.0	G 016 017	R				2	0223257	01	10K OHM 5PC 1/2W	LOAD TO P4
	005.0						1				
AB	0228.000.0	G 019 016	D	A				0223292	11	1N662	GATE
	001.0	G 020 017	R				2	0223393		12K OHM 5PC 1/2W	LOAD
	002.1	G 172 069	R				2	0223403	1	6.8K OHM 5PC 1/2W	COUPLING
	003.0	G 019 020	R				1	0804044		22K OHM 5PC 1/2W	BIAS
	004.0	G 020 020	Q	B			1	0223297		2N1305	INV
	005.0	G 019 018	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0229.000.0	H 005 002	D	A			1	0223292	11	1N662	GATE
	001.0			C			1				
	002.0	H 005 003	D	A			1	0223292	12	1N662	GATE
	003.0			C			1				
	004.0	H 005 004	D	A			1	0223292	13	1N662	GATE
	005.0			C			1				
	006.0	H 005 001	D	A			1	0223292	14	1N662	GATE
	007.0	H 030 003					3	FH0000000		FEED THROUGH HOLE	
	008.0	G 204 003					3	FH0000000		FEED THROUGH HOLE	
	009.0	G 024 003	R				2	0223393	01	12K OHM 5PC 1/2W	LOAD
AB	0230.000.0	G 023 001	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0	G 024 002	R				2	0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	003.0	G 024 004	R				2	0804044		22K OHM 5PC 1/2W	BIAS
	004.0	G 024 009	Q	B			1	0223297		2N1305	
	005.0			C			1				
	006.0	G 024 009	R				2	0223401	01	4.7K OHM 5PC 1/2W	LOAD
	007.0						1				
AA	0231.000.0	G 023 008	D	A			1	0223292	11	1N662	GATE
	001.0	G 024 007	R				2	0223393		12K OHM 5PC 1/2W	LOAD
	002.0	G 025 008	R				2	0223403		6.8K OHM 5PC 1/2W	COUPLING
	003.0	G 025 007	C				2	0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	G 026 006	R				2	0804044		22K OHM 5PC 1/2W	BIAS
	005.0	G 026 009	Q	B			1	0223297		2N1305	INV
	006.0	G 026 009	R				2	0223257	01	10K OHM 5PC 1/2W	LOAD TO P4 C
AA	0232.000.0	G 026 005	D	A			2	0223292	11	1N662	GATE
	001.0	G 200 122					3	FH0000000		FEED THROUGH HOLE	FROM P4 5
	002.0	G 024 006	D	A			2	0223292	12	1N662	GATE
	003.0	G 024 005	R				2	0223393	01	12K OHM 5PC 1/2W	LOAD
AB	0233.000.0	G 025 004	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	G 026 003	R				2	0804044		22K OHM 5PC 1/2W	BIAS
	002.0	G 025 009	Q	B			1	0223297		2N1305	INV
	003.0			C			1		01		
	004.0	G 216 118					3	FH0000000		FEED THROUGH HOLE	TO P4 3
AB	0234.000.0	G 006 026	D	A			2	0223292	11	1N662	GATE
	001.0			C			1				

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
		002.0	G 006 024	D	A	2			0223292	12 1N662		GATF
		003.0			C			1				
		004.0	G 006 025	D	A	2			0223292	13 1N662		
		005.0			C			1				
		006.0	G 005 023	R				1	0223257	01 10K OHM 5PC 1/2W		LOAD
AB	0235.	000.0	H 135 003					3	1 FH0000000		FEED THROUGH HOLE	
		001.0	G 099 003					3	1 FH0000000		FEED THROUGH HOLE	
		002.0	G 010 033	D	A	2		1	0223292	11 1N662		GATE TO P5 J
		003.0			C			1				
		004.0	G 010 029	D	A	2		1	0223292	12 1N662		
		005.0			C			1				
		006.0	G 010 032	D	A	2		1	0223292	13 1N662		
		007.0			C			1				
		008.0	G 010 031	D	A	2		1	0223292	14 1N662		GATE FROM P5 L
		009.0			C			1				
		010.0	G 010 034	D	A	2		1	0223292	15 1N662		GATE FROM P5 K
		011.0			C			1				
		012.0	G 009 035	R				1	0223257	01 10K OHM 5PC 1/2W		LOAD
AA	0236.	000.0	G 014 030	D	A	2		1	0223292	11 1N662		GATE
		001.0			C			1				
		002.0	G 014 033	D	A	2		1	0223292	12 1N662		GATE
		003.0			C			1				
		004.0	G 014 032	D	A	2		1	0223292	13 1N662		GATE
		005.0			C			1				
		006.0	G 014 034	D	A	2		1	0223292	14 1N662		GATF
		007.0			C			1				
		008.0	G 013 035	R				1	0223257	01 10K OHM 5PC 1/2W		LOAD
AB	0237.	000.0	G 004 024	D	A	2		1	0223292	11 1N662		GATE
		001.0			C			1				
		002.0	G 004 025	D	A	2		1	0223292	12 1N662		GATF
		003.0			C			1				
		004.0	G 074 103					3	1 FH0000000		FEED THROUGH HOLE	FROM P5 S
		005.0	G 004 028	D	A	2		1	0223292	13 1N662		GATE
		006.0	G 004 027	D	A	2		1	0223292	14 1N662		GATE
		007.0	G 003 023	R				1	0223257	01 10K OHM 5PC 1/2W		LOAD
		008.0						1				
AA	0238.	000.0	G 002 029	D	A	2		1	0223292	11 1N662		GATE
		001.0	H 213 003					3	1 FH0000000		FEED THROUGH HOLE	
		002.0	G 021 003					3	1 FH0000000		FEED THROUGH HOLE	
		003.0	G 002 032	D	A	2		1	0223292	12 1N662		TO P5 X
		004.0	H 216 003					3	1 FH0000000		FEED THROUGH HOLE	
		005.0	G 018 003					3	1 FH0000000		FEED THROUGH HOLE	
		006.0	G 002 031	D	A	2		1	0223292	13 1N662		GATE
		007.0	G 002 037					2	1 FH0000000		FEED THROUGH HOLE	FROM P5 21
		008.0	G 002 034	D	A	2		1	0223292	14 1N662		GATE
		009.0	G 002 033	D	A	2		1	0223292	15 1N662		GATF
		010.0	G 001 035	R				1	0223257	01 10K OHM 5PC 1/2W		LOAD
		011.0						1				
AB	0239.	000.0	G 067 124					3	1 FH0000000		FEED THROUGH HOLE	FROM P5 13
		001.0	G 008 033	D	A	2		1	0223292	11 1N662		GATE
		002.0			C			1				
		003.0	G 008 031	D	A	2		1	0223292	12 1N662		GATE
		004.0			C			1				
		005.0	G 008 034	D	A	2		1	0223292	13 1N662		GATE FROM P5 R
		006.0			C			1				
		007.0	G 008 032	D	A	2		1	0223292	14 1N662		GATE
		008.0			C			1				
		009.0	G 007 035	R				1	0223257	01 10K OHM 5PC 1/2W		LOAD
AA	0240.	000.0	G 008 026	D	A	2		1	0223292	11 1N662		GATE
		001.0			C			1				
		002.0	G 063 124					3	1 FH0000000		FEED THROUGH HOLE	FROM P5 14

F R I D E N I N C
FC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	G 008 024	D	A	2		1	0223292	12	1N662	GATF
	004.0			C			1				
	005.0	G 008 025	D	A	2		1	0223292	13	1N662	GATE FROM P5 N
	006.0			C			1				
	007.0	G 007 023	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
AC	0241.000.0	G 010 024	D	A	2		1	0223292	11	1N662	GATF
	001.0	G		C			1				
	002.0	G 010 028	D	A	2		1	0223292	12	1N662	GATF
	003.0			C			1				
	004.0	G 010 027	D	A	2		1	0223292	13	1N662	GATE
	005.0			C			1				
	006.0	G 010 026	D	A	2		1	0223292	14	1N662	GATE
	007.0			C			1				
	008.0	G 009 023	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0242.000.0	G 004 032	D	A	2		1	0223292	11	1N662	GATF
	001.0			C			1				
	002.0	G 004 031	D	A	2		1	0223292	12	1N662	GATE
	003.0			C			1				
	004.0	G 004 034	D	A	2		1	0223292	13	1N662	GATF
	005.0			C			1				
	006.0	G 004 030	D	A	2		1	0223292	14	1N662	GATE
	007.0			C			1				
	008.0	G 003 035	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
	009.0			C			1				
AA	0243.000.0	G 002 026	D	A	2		1	0223292	11	1N662	GATE
	001.0	G 002 025	D	A	2		1	0223292	12	1N662	GATE
	002.0	G 106 079				3	1	FH0000000		FEED THROUGH HOLE	
	003.0	G 002 024	D	A	2		1	0223292	13	1N662	GATF
	004.0	G 001 023	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
	005.0			C			1				
AA	0244.000.0	G 012 026	D	A	2		1	0223292	11	1N662	GATE
	001.0			C			1				
	002.0	G 012 024	D	A	2		1	0223292	12	1N662	GATE
	003.0			C			1				
	004.0	G 012 030	D	A	2		1	0223292	13	1N662	GATE
	005.0			C			1				
	006.0	G 012 025	D	A	2		1	0223292	14	1N662	GATF
	007.0			C			1				
	008.0	G 012 027	D	A	2		1	0223292	15	1N662	GATF
	009.0			C			1				
	010.0	G 011 023	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
AA	0245.000.0	G 012 033	D	A	2		1	0223292	11	1N662	GATF
	001.0			C			1				
	002.0	G 012 031	D	A	2		1	0223292	12	1N662	GATE FROM P5 F
	003.0			C			1				
	004.0	G 012 034	D	A	2		1	0223292	13	1N662	GATF
	005.0			C			1				
	006.0	G 011 035	R				1	0804044	01	22K OHM 5PC 1/2W	LOAD TO P5 H
AB	0246.000.0	G 014 027	D	A	2		1	0223292	11	1N662	GATF
	001.0			C			1				
	002.0	G 014 024	D	A	2		1	0223292	12	1N662	GATF
	003.0			C			1				
	004.0	G 014 028	D	A	2		1	0223292	13	1N662	GATF
	005.0			C			1				
	006.0	G 013 023	R				1	0223328	01	33K OHM 5PC 1/2W	LOAD
	007.1			C			1				
AA	0247.000.0	G 113 068					3	1	FH0000000	FEED THROUGH HOLE	
	001.0	G 142 067					3	1	FH0000000	FEED THROUGH HOLE	*Y+025°
	002.0	G 016 030	D	A	2		1	0223292	11	1N662	GATE
	003.0			C			1				

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0	G 016 033	D	A	2			0223292	12	1N662	GATE
	005.0			C			1				
	006.0	G 016 028	D	A	2			0223292	13	1N662	GATE
	007.0			C			1				
	008.0	G 016 032	D	A	2			0223292	14	1N662	GATE
	009.0			C			1				
	010.0	G 016 031	D	A	2			0223292	15	1N662	GATE
	011.0			C			1				
	012.0	G 016 034	D	A	2			0223292	16	1N662	GATE
	013.0			C			1				
	014.0	G 015 035	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
AA 0248.	000.0	G 060 124					3	FH0000000		FEED THROUGH HOLE	FROM P5 15
	001.0	G 006 030	D	A	2			0223292	11	1N662	GATE
	002.0			C			1				
	003.0	G 054 124					3	FH0000000		FEED THROUGH HOLE	FROM P5 17
	004.0	G 006 034	D	A	2			0223292	12	1N662	GATE
	005.0			C			1				
	006.0	H 174 003					3	FH0000000		FEED THROUGH HOLE	
	007.0	G 060 003					3	FH0000000		FEED THROUGH HOLE	
	008.0	G 006 031	D	A	2			0223292	13	1N662	GATE
	009.0			C			1				
	010.0	G 006 032	D	A	2			0223292	14	1N662	GATE
	011.0			C			1				
	012.0	G 059 089					3	FH0000000		FEED THROUGH HOLE	*Y-025 Y-025*
	013.0	G 006 033	D	A	2			0223292	15	1N662	GATE FROM P5 T
	014.0			C			1				
	015.0	G 005 035	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
AA 0249.	000.0	G 016 026	D	A	2			0223292	11	1N662	GATE
	001.0	G 016 024	D	A	2			0223292	12	1N662	GATE
	002.0			C			1				
	003.0	G 016 025	D	A	2			0223292	13	1N662	GATE
	004.0			C			1				
	005.0	G 015 023	R				1	0223257	01	10K OHM 5PC 1/2W	LOAD
AC 0250.	000.2	G 177 119	D	A			1	0223292		1N662	GATE
	001.3	G 189 119	D	C			1		11		
	002.0	G 008 027	D	A	2			0223292		1N662	GATE
	003.0	G 007 027	D	C					12		
	004.0	G 006 027	D	A	2			0223292		1N662	GATE
	005.0	G 005 027	D	C			1		13		
	006.0	G 010 030	D	A	2			0223292		1N662	GATE
	007.0	G 009 030	D	C			1		14		
	008.0	G 014 031	D	A	2			0223292		1N662	GATE
	009.0	G 013 031	D	C			1		15		
	010.0	G 004 026	D	A	2			0223292		1N662	GATE
	011.0	G 003 026	D	C					16		
	012.0	G 002 028	D	A	2			0223292		1N662	GATE
	013.0	G 001 028	D	C					17		
	014.0	G 008 029	D	A	2			0223292		1N662	GATE
	015.0	G 007 029	D	C			1		18		
	016.0	G 010 025	D	A	2			0223292		1N662	GATE
	017.0	G 009 025	D	C			1		19		
	018.0	G 004 033	D	A	2			0223292		1N662	GATE
	019.0	G 003 033	D	C			1		1A		
	020.0	G 002 027	D	A	2			0223292		1N662	GATE
	021.0	G 001 027	D	C					1B		
	022.0	G 012 028	D	A	2			0223292		1N662	GATE
	023.0	G 011 028	D	C			1		1C		
	024.0	G 006 028	D	A	2			0223292		1N662	GATE
	025.0	G 005 028	D	C			1		1D		
	026.0	G 016 027	D	A	2			0223292		1N662	GATE
	027.0	G 015 027	D	C					1E		
	028.0	G 016 029	D	A	2			0223292		1N662	GATE
	029.0	G 015 029	D	C			1		1F		
	030.0	G 177 107	D	A			1	0223292	1G	1N662	GATE FROM P4K
	031.0			C			1				

REV LTR	REF-INSERT	LINE	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
		032.1	G 177	113 R					0223257		10K OHM 5PC 1/2W	LOAD
		032.2	G 177	110 D	A				0223292		1N662	GATE
		034.1			C							
AA	0400.	000.0	C 024	033 D	A	2			0223292	11	1N662	
		001.0	C 023	033 D	C					01		
AB	1010.	000.0	B 010	007 D	A	2			0223292	R1	1N662	INPUT
		001.0			C							
		002.0	B 009	005 R					0223328		33K OHM 5PC 1/2W	BIAS
		003.0	B 009	004 C					0804079		330 PF 10PC 300V MICA	SPEED UP
		004.0	B 009	003 R					0223353		8.2K OHM 5PC 1/2W	COUPLING
		005.0										
		006.0	B 090	021 Q	B	1	1		0223297		2N1305	
		007.0	B 009	002 R					0804041	O1	1.5K OHM 5PC 1/2W	LOAD
		008.0	B 007	006 R					0223228		1K OHM 5PC 1/2W	
		009.0	B 008	001 Z	A	2			0804129		1N757 9.1V ZENER DIODE	
		010.0			C							
		011.0	B 007	008 D	A				0223292		1N662	
		012.0			C							
		013.0	B 008	005 R		2			0223328		33K OHM 5PC 1/2W	BIAS
		014.0	B 007	004 C					0804079		330 PF 10PC 300V MICA	SPEED UP
		015.0										
		016.0	B 007	003 R					0223353		8.2K OHM 5PC 1/2W	COUPLING
		017.0										
		018.0	B 074	021 Q	B	1	1		0223297		2N1305	
		019.0			C							
		020.0	B 007	002 R					0804041	O2	1.5K OHM 5PC 1/2W	LOAD
		021.0	B 007	007 D	A				0223292	S2	1N662	INPUT FROM P10 13
AA	1011.	000.0	B 009	006 R					0223331	11	47K OHM 5PC 1/2W	
		001.0	B 010	006 R						O1		
		002.0	B 010	008 C		2			0804081	12	470 PF 10PC 200V FILM	
AB	1020.	000.0	B 023	026 D	A				0223292	S1	1N662	INPUT
		001.0			C							
		002.0	B 024	025 R		2			0223328		33K OHM 5PC 1/2W	BIAS
		003.0	B 023	024 C					0804079		330 PF 10PC 300V MICA	SPEED UP
		004.0	B 024	023 R		2			0223353		8.2K OHM 5PC 1/2W	COUPLING
		005.0	B 206	101 Q	B	1	1		0223297		2N1305	
		006.0	B 024	020 R		2			0804041	O2	1.5K OHM 5PC 1/2W	LOAD TO P11 19
		007.0	B 023	019 D	A				0223292	R2	1N662	INPUT
		008.0			C							
		009.0	B 025	025 R					0223328		33K OHM 5PC 1/2W	BIAS
		010.0	B 025	024 C					0804079		330 PF 10PC 300V MICA	SPEED UP
		011.0	B 025	023 R					0223353		8.2K OHM 5PC 1/2W	COUPLING
		012.0										
		013.0	B 223	101 Q	B	1	1		0223297		2N1305	
		014.0	B 025	020 R					0804041	O1	1.5K OHM 5PC 1/2W	LOAD TO P11 N
		015.0										
AA	1021.	000.0	B 026	026 R		2			0804048	11	68K OHM 5PC 1/2W	FROM P11 X
		001.0	B 023	027 C					0804081	12	470 PF 10PC 200V FILM	
		002.0	B 024	027 C						O1		
AC	1030.	000.0	B 007	018 D	A				0223292	S1	1N662	INPUT
		001.0			C							
		002.0	B 010	019 D	A	2			0223292	S2	1N662	INPUT
		003.0			C							
		004.0	B 010	018 D	A	2			0223292	S3	1N662	INPUT
		005.0			C							
		006.0	B 007	017 D	A				0223292	S4	1N662	INPUT
		007.0			C							
		008.0	B 008	016 R		2			0223328		33K OHM 5PC 1/2W	BIAS
		009.0	B 007	015 C					0804079		330 PF 10PC 300V MICA	SPEED UP
		010.0	B 008	014 R		2			0223353		8.2K OHM 5PC 1/2W	COUPLING
		011.0	B 074	065 Q	B	1	1		0223297		2N1305	

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	012.0	B 008 011	R	2	1			0804041	02	1.5K OHM 5PC 1/2W	LOAD TO P10 14
	013.0	B 010 016	R	2	1			0223328		33K OHM 5PC 1/2W	BIAS
	014.0	B 009 015	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	015.0	B 010 014	R	2	1			0223353		8.2K OHM 5PC 1/2W	COUPLING
	016.0	B 090 065	Q	B	1	1	1	0223297		2N1305	
	017.0	B 009 011	R					0804041	01	1.5K OHM 5PC 1/2W	LOAD
	018.0	B 007 010	D	A				0223292	R5	1N662	INPUT
	019.0			C							
AA	1031.000.0	B 008 020	R	2	1			0223331	11	47K OHM 5PC 1/2W	
	001.0	B 025 027						FH0000000		FFED THROUGH HOLE	
	002.0	B 065 123						FH0000000		FFED THROUGH HOLE	
	003.0	B 008 019	C	2	1			0804081	12	470 PF 10PC 200V FILM	
	004.0	B 007 019	C						01		
AA	1032.000.0	B 009 020	R					0804048	11	68K OHM 5PC 1/2W	FROM P10 17
	001.0	B 010 020	R						01		
	002.0	B 007 021	C					0804081	12	470 PF 10PC 200V FILM	
AA	1033.000.0	B 009 021	R					0223331	11	47K OHM 5PC 1/2W	
	001.0	B 010 021	R						01		
	002.0	B 009 022	C					0804081	12	470 PF 10PC 200V FILM	FROM P10 15
	003.0										
AA	1034.000.0	B 008 022	R	2	1			0223331	11	47K OHM 5PC 1/2W	FROM P10 14
	001.0	B 007 022	R						01		
	002.0	B 009 017	C					0804081	12	470 PF 10PC 200V FILM	
AB	1040.000.0	B 011 017	D	A				0223292	S1	1N662	INPUT
	001.0			C							
	002.0	B 012 016	R	2	1			0223328		33K OHM 5PC 1/2W	BIAS
	003.0	B 011 015	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	B 011 014	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0										
	006.0	B 106 065	Q	B	1	1	1	0223297		2N1305	
	007.0	B 012 011	R	2	1			0804041	02	1.5K OHM 5PC 1/2W	LOAD TO P10 21
	008.0	B 013 016	R					0223328		33K OHM 5PC 1/2W	BIAS
	009.0	B 013 015	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	010.0	B 013 014	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	011.0										
	012.0	B 123 065	Q	B	1	1	1	0223297		2N1305	
	013.0	B 013 011	R					0804041	01	1.5K OHM 5PC 1/2W	LOAD
	014.0	B 011 010	D	A				0223292	R2	1N662	INPUT
	015.0			C							
AA	1041.000.0	B 014 017	R	2	1			0804048	11	68K OHM 5PC 1/2W	FROM P11 2
	001.0										
	002.0	B 011 018	C					0804081	12	470 PF 10PC 200V FILM	
	003.0	B 012 018	C						01		
AB	1050.000.0	B 015 017	D	A				0223292	S1	1N662	GATE
	001.0	B		C							
	002.0	B 016 016	R	2	1			0223328		33K OHM 5PC 1/2W	BIAS
	003.0	B 015 015	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	B 016 014	R	2	1			0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	B 140 065	Q	B	1	1	1	0223297		2N1305	
	006.0	B 016 011	R	2	1			0804041	01	1.5K OHM 5PC 1/2W	LOAD TO P11 4
	007.0	B 018 016	R	2	1			0223328		33K OHM 5PC 1/2W	BIAS
	008.0	B 017 015	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	009.0	B 017 014	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0										
	011.0	B 156 065	Q	B	1	1	1	0223297		2N1305	
	012.0	B 017 011	R					0804041		1.5K OHM 5PC 1/2W	LOAD
	013.0	B 015 010	D	A				0223292	R2	1N662	INPUT
	014.0			C							
AA	1051.000.0	B 018 017	R	2	1			0804048	11	68K OHM 5PC 1/2W	FROM P11 8

REV LTR	REF LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	B 016	018	C	2			0804081	12	470 PF 10PC 200V FILM	
	002.0	B 015	018	C		1			01		
AB	1060.000.0	B 019	017	D	A			0223292	S1	1N662	INPUT
	001.0				C	1					
	002.0	B 020	016	R	2	1		0223328		33K OHM 5PC 1/2W	BIAS
	003.0	B 019	015	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	B 020	014	R	2	1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	B 172	065	Q	B	1 1 1		0223297		2N1305	
	006.0	B 020	011	R	2	1		0804041	01	1.5K OHM 5PC 1/2W	LOAD TO P11 11
	007.0	B 021	016	R				0223328		33K OHM 5PC 1/2W	BIAS
	008.0	B 021	015	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	009.0	B 021	014	R		1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0					1					
	011.0	B 189	065	Q	B	1 1 1		0223297		2N1305	
	012.0	B 021	011	R		1		0804041		1.5K OHM 5PC 1/2W	LOAD
	013.0	B 019	010	D	A			0223292	R2	1N662	INPUT
	014.0				C	1					
AA	1061.000.0	B 022	017	R	2	1		0804048	11	68K OHM 5PC 1/2W	FROM P11 14
	001.0	B 019	018	C				0804081	12	470 PF 10PC 200V FILM	
	002.0	B 020	018	C					01		
AB	1070.000.0	B 023	017	D	A			0223292	S1	1N662	INPUT
	001.0				C	1					
	002.0	B 024	016	R	2	1		0223328		33K OHM 5PC 1/2W	BIAS
	003.0	B 023	015	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	B 024	014	R	2	1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	B 206	065	Q	B	1 1 1		0223297		2N1305	
	006.0	B 024	011	R	2	1		0804041	01	1.5K OHM 5PC 1/2W	LOAD TO P11 17
	007.0	B 025	016	R				0223328		33K OHM 5PC 1/2W	BIAS
	008.0	B 025	015	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	009.0	B 025	014	R		1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0					1					
	011.0	B 223	065	Q	B	1 1 1		0223297		2N1305	
	012.0	B 025	011	R		1		0804041		1.5K OHM 5PC 1/2W	LOAD
	013.0					1					
	014.0	B 212	055	S		1 1		0803214		TEST POINT	RECALL
	015.0					1					
	016.0	B 023	010	D	A			0223292	R2	1N662	INPUT
	017.0				C	1					
AA	1071.000.0	B 025	017	R		1		0804048	11	68K OHM 5PC 1/2W	FROM P11 18
	001.0	B 023	018	C		1		0804081	12	470 PF 10PC 200V FILM	
	002.0	B 024	018	C					01		
AB	1080.000.0	B 019	006	D	A			0223292	S1	1N662	INPUT
	001.0				C	1					
	002.0	B 020	005	R	2	1		0223328		33K OHM 5PC 1/2W	BIAS
	003.0	B 019	004	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	B 020	003	R	2	1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	B 172	021	Q	B	1 1 1		0223297		2N1305	
	006.0	B 020	002	R	2	1		0804041	02	1.5K OHM 5PC 1/2W	LOAD TO P11 13
	007.0	B 021	005	R				0223328		33K OHM 5PC 1/2W	BIAS
	008.0	B 021	004	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	009.0	B 021	003	R		1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0					1					
	011.0	B 189	021	Q	B	1 1 1		0223297		2N1305	
	012.0	B 021	002	R		1		0804041	01	1.5K OHM 5PC 1/2W	LOAD TO P11 12
	013.0	B 019	001	D	A			0223292	R2	1N662	INPUT
	014.0				C	1					
AA	1081.000.0	B 021	006	R		1		0804048	11	68K OHM 5PC 1/2W	FROM P11 10
	001.0	B 022	007	C	2	1		0804081	12	470 PF 10PC 200V FILM	
	002.0	B 021	007	C					01		
AB	1090.000.0	B 023	006	D	A			0223292	S1	1N662	INPUT

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0								1		
	002.0	B 024	005	R			2	0223328	1	33K OHM 5PC 1/2W	BIAS
	003.0	B 023	004	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	B 024	003	R			2	0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	005.0	B 206	021	Q	B	1	1	0223297	1	2N1305	
	006.0	B 024	002	R			2	0804041	02	1.5K OHM 5PC 1/2W	LOAD TO P10 9
	007.0	B 025	005	R				0223328		33K OHM 5PC 1/2W	BIAS
	008.0	B 025	004	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	009.0	B 025	003	R				0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	010.0								1		
	011.0	B 223	021	Q	B	1	1	0223297	1	2N1305	
	012.0	B 025	002	R				0804041	01	1.5K OHM 5PC 1/2W	LOAD
	013.0								1		
	014.0	B 023	001	D	A			0223292	R2	1N662	INPUT
	015.0				C				1		
AA	1091.000.0	B 026	006	R			2	0804048	11	68K OHM 5PC 1/2W	FROM P11 20
	001.0	B 023	007	C				0804081	12	470 PF 10PC 200V FILM	
	002.0	B 024	007	C					01		
AB	1100.000.0	B 015	006	D	A			0223292	S1	1N662	INPUT
	001.0				C				1		
	002.0	B 015	007	D	A			0223292	S2	1N662	INPUT
	003.0				C				1		
	004.0	B 016	005	R			2	0223328		33K OHM 5PC 1/2W	BIAS
	005.0								1		
	006.0	B 015	004	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	007.0	B 015	003	R				0223353		8.2K OHM 5PC 1/2W	COUPLING
	008.0								1		
	009.0	B 140	021	Q	B	1	1	0223297		2N1305	
	010.0	B 016	002	R			2	0804041	02	1.5K OHM 5PC 1/2W	LOAD
	011.0	B 039	003				3	FH0000000		FEED THROUGH HOLE	TO P10 7
	012.0	B 018	009	D	A		2	0223292	R3	1N662	INPUT
	013.0				C				1		
	014.0	B 018	008	D	A		2	0223292	R4	1N662	INPUT
	015.0				C				1		
	016.0	B 017	005	R				0223328		33K OHM 5PC 1/2W	BIAS
	017.0								1		
	018.0	B 017	004	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	019.0	B 017	003	R				0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0								1		
	021.0	B 156	021	Q	B	1	1	0223297		2N1305	
	022.0	B 017	002	R				0804041	01	1.5K OHM 5PC 1/2W	LOAD
	023.0	B 018	001	S			2	0803214		TEST POINT	CONFUNFF
	024.0								1		
	025.0	B 015	001	D	A			0223292	R5	1N662	INPUT
	026.0				C				1		
AA	1101.000.0	B 017	006	R				0223331	11	47K OHM 5PC 1/2W	
	001.0	B 018	006	R					01		
	002.0	B 017	007	C				0804081	12	470 PF 10PC 200V FILM	
	003.0	B 009	009				2	FH0000000	1	FEED THROUGH HOLE	
AA	1102.000.0	B 016	008	R			2	0804048	11	68K OHM 5PC 1/2W	FROM P11 3
	001.0	B 015	008	R					01		
	002.0	B 016	009	C			2	0804081	12	470 PF 10PC 200V FILM	
	003.0								1		
AA	1103.000.0	B 020	009	R			2	0804048	11	68K OHM 5PC 1/2W	
	001.0	B 019	009	R					01		
	002.0	B 022	009	C			2	0804081	12	470 PF 10PC 200V FILM	
AB	1104.000.0	B 020	008	R			2	0804048	11	68K OHM 5PC 1/2W	FROM P11 9
	001.0	B 019	009	R					01		
	002.0	B 022	008	C			2	0804081	12	470 PF 10PC 200V FILM	FROM P11 16
AB	1110.000.0	B 011	007	D	A			0223292	S1	1N662	INPUT

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0			C			1				
	002.0	B 011 006	D	A			1	0223292	S2	1N662	INPUT
	003.0			C			1				
	004.0	B 012 005	R		2		1	0223378		33K OHM 5PC 1/2W	BIAS
	005.0	B 011 004	C				1	0804079		330 PF 10PC 300V MICA	SPEED UP
	006.0	B 012 003	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	B 106 021	Q	B	1	1	1	0223297		2N1305	
	008.0	B 012 002	R		2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD TO P10 20
	009.0	B 014 008	D	A	2		1	0223292	R3	1N662	INPUT
	010.0			C			1				
	011.0	B 013 005	R				1	0223328		33K OHM 5PC 1/2W	BIAS
	012.0						1				
	013.0	B 013 004	C				1	0804079		330 PF 10PC 300V MICA	SPEED UP
	014.0	B 013 003	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	015.0						1				
	016.0	B 123 021	Q	B	1	1	1	0223297		2N1305	
	017.0	B 013 002	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD
	018.0	B 013 001	S				1	0803214		TEST POINT	COMDIGFF
	019.0						1				
	020.0	B 011 001	D	A			1	0223292	R4	1N662	INPUT
	021.0			C			1				
AA 1111.	000.0	B 011 008	R				1	0804048	I1	68K OHM 5PC 1/2W	FROM P10 19
	001.0	B 012 008	R				1		O1		
	002.0	B 014 009	C		2		1	0804081	I2	470 PF 10PC 200V FILM	
	003.0						1				
AA 1112.	000.0	B 013 027			2	1	1	FH0000000		FEED THROUGH HOLE	FROM P10 N
	001.0	B 014 006	R		2		1	0804048	I1	68K OHM 5PC 1/2W	
	002.0						1				
	003.0	B 014 007	C		2		1	0804081	I2	470 PF 10PC 200V FILM	FROM P11 1
	004.0	B 013 007	C				1		O1		
AB 1120.	000.0	B 001 006	D	A			1	0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	B 002 005	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS
	003.0	B 001 004	C				1	0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	B 002 003	R		2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	B 023 021	Q	B	1	1	1	0223297		2N1305	
	006.0	B 002 002	R		2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD TO P10 1
	007.0	B 004 006	D	A	2		1	0223292	R2	1N662	INPUT
	008.0			C			1				
	009.0	B 003 005	R				1	0223328		33K OHM 5PC 1/2W	BIAS
	010.0						1				
	011.0	B 003 004	C				1	0804079		330 PF 10PC 300V MICA	SPEED UP
	012.0	B 003 003	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	013.0						1				
	014.0	B 040 021	Q	B	1	1	1	0223297		2N1305	
	015.0	B 003 002	R				1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD TO P10 2
	016.0	B 004 001	S		2		1	0803214		TEST POINT	CFSFF
	017.0						1				
	018.0	B 001 001	D	A			1	0223292	S3	1N662	INPUT
AA 1121.	000.0	B 002 008	R		2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	B 001 007	C				1	0804079	O1	330 PF 10PC 300V MICA	
	002.0	B 002 007	C				1		I2		
AA 1122.	000.0	B 003 008	R				1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	B 004 008					1		O1		
	002.0	B 003 007	C				1	0804079	I2	330 PF 10PC 300V MICA	
	003.0						1				
AB 1130.	000.0	B 001 017	D	A			1	0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	B 001 020	D	A			1	0223292	S2	1N662	INPUT
	003.0	B 001 021	D	A			1	0223292	S3	1N662	INPUT
	004.0	B 002 016	R		2		1	0223328		33K OHM 5PC 1/2W	BIAS

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0	B 001	015	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	006.0	B 002	014	R	2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	B 023	065	Q	B	1	1	0223297		2N1305	
	008.0	B 002	011	R	2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD TO P10 3
	009.0	B 004	017	D	A	2		0223292	R4	1N662	INPUT
	010.0				C		1				
	011.0	B 004	018	D	A	2		0223292	R5	1N662	
	012.0	B 003	016	R			1	0223328		33K OHM 5PC 1/2W	BIAS
	013.0	B 003	015	C			1	0804079		330 PF 10PC 300V MICA	SPEED UP
	014.0						1				
	015.0	B 003	014	R			1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	016.0						1				
	017.0	B 040	065	Q	B	1	1	0223297		2N1305	
	018.0	B 003	011	R			1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD TO P10 5
	019.0						1				
	020.0	B 001	010	D	A		1	0223292	R6	1N662	INPUT
	021.0				C		1				
	022.0	B 008	009	S	2		1	0803214		TEST POINT	DPSFF
	023.0						1				
AA	1131.000.0	B 002	019	R	2		1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	B 001	018	C			1	0804079	O1	330 PF 10PC 300V MICA	
	002.0	B 002	018	C			1		I2		
AA	1132.000.0	B 040	121		3		1	FH0000000		FFED THROUGH HOLE	TO P10 N
	001.0	B 004	023	R	2		1	0223331	I1	47K OHM 5PC 1/2W	
	002.0	B 002	024	C	2			0804081	I2	470 PF 10PC 200V FILM	
	003.0	B 001	024	C					O1		
AB	1133.000.0	B 109	121		3		1	FH0000000		FFED THROUGH HOLE	
	001.0	B 023	119		3		1	FH0000000		FEED THROUGH HOLE	
	002.0	B 002	023	C	2		1	0804081	I2	470 PF 10PC 200V FILM	
	003.0	B 002	022	R	2		1	0223331	I1	47K OHM 5PC 1/2W	FROM P10 4
	004.0	B 001	022	R					O1		
AB	1134.000.0	B 003	020	R			1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	B 004	020	R					O1		
	002.0	B 003	021	C			1	0804079	I2	330 PF 10PC 300V MICA	
AB	1135.000.0	B 003	019	R			1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	B 004	019	R					O1		
	002.0	B 003	022	C			1	0804079	I2	330 PF 10PC 300V MICA	FROM P10 6
AB	1140.000.0	C 019	026	D	A			0223292	S1	1N662	INPUT
	001.0	C 019	025	D	A			0223292	S2	1N662	INPUT
	002.0	C 020	027	R	2			0804037		330 OHM 5PC 1/2W	
	003.0	C 019	028	R			1	0223328		33K OHM 5PC 1/2W	BIAS
	004.0	C 020	029	C	2		1	0804076		100 PF 10PC 300V MICA	SPEED UP
	005.0						1				
	006.0	C 019	030	R			1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0						1				
	008.0	C 019	031	D	A		1	0223292		1N662	CLAMP
	009.0	C 019	031	Q	B		1	0804111		2N2635	
	010.0	C 020	034	R	2		1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	011.0	C 022	025	D	A	2		0223292	R3	1N662	INPUT
	012.0	C 022	026	D	A	2		0223292	R4	1N662	INPUT
	013.0	C 021	027	R				0804037		330 OHM 5PC 1/2W	
	014.0	C 022	028	R	2			0223328		33K OHM 5PC 1/2W	BIAS
	015.0	C 022	029	C	2		1	0804076		100 PF 10PC 300V MICA	SPEED UP
	016.0	C 022	030	R	2		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0						1				
	018.0	C 021	031	D	A		1	0223292		1N662	CLAMP
	019.0	C 021	031	Q	B		1	0804111		2N2635	
	020.0	C 021	034	R			1	0804041	O1	1.5K OHM 5PC 1/2W	LOAD
AB	1141.000.0	C 146	075	C			1	0804079	I1	330 PF 10PC 300V MICA	
	001.0	C 020	023	R	2		1	0223393	I2	12K OHM 5PC 1/2W	

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	C 019 023	R						1	01	
	003.0	C 160 067	R					0804048	1 1	68K OHM 5PC 1/2W	
AA	1142.000.0	C 020 024	R					0804044	2 1	11 22K OHM 5PC 1/2W	
	001.0	C 019 024	R						1	01	
	002.0	C 020 021	C					0804076	2	12 100 PF 10PC 300V MICA	
	003.0								1		
AA	1143.000.0	C 021 024	R					0804044	1	11 22K OHM 5PC 1/2W	
	001.0								1	01	
	002.0	C 022 021	C					0804076	2 1	100 PF 10PC 300V MICA	
	003.0	C 021 021	C							12	
AB	1144.000.0	C 022 023	R					0223331	2 1	11 47K OHM 5PC 1/2W	FROM P8 I
	001.0	C 021 023	R						1	01	
	002.0	C 022 022	C					0804079	2 1	12 330 PF 10PC 300V MICA	FROM P8 H
	003.0	C							1		
AB	1150.000.0	D 014 028	D	A				0223292	2	S1 1N662	INPUT
	001.0	D 014 030	D	A				0223292	2	S2 1N662	INPUT
	002.0			C					1		
	003.0	D 013 032	R					0223328	1	33K OHM 5PC 1/2W	BIAS
	004.0								1		
	005.0	D 014 033	C					0804079	2 1	330 PF 10PC 300V MICA	SPEED UP
	006.0	D 014 034	R					0223353	2 1	8.2K OHM 5PC 1/2W	COUPLING
	007.0	D 013 034	Q	B				0223297		2N1305	
	008.0	D 014 035	R					0804041	2	01 1.5K OHM 5PC 1/2W	LOAD
	009.0	D 144 003						FH0000000	3 1	FEED THROUGH HOLE	
	010.0	C 090 003						FH0000000	3 1	FEED THROUGH HOLE	
	011.0	C 068 007						FH0000000	3 1	FEED THROUGH HOLE	
	012.0	C 074 125						FH0000000	3 1	FEED THROUGH HOLE	
	013.0	D 016 030	D	A				0223292	2 1	R3 1N662	TO P9 I0 INPUT
	014.0			C					1		
	015.0	D 016 028	D	A				0223292	2 1	R4 1N662	INPUT
	016.0			C					1		
	017.0	D 015 032	R					0223328	1	33K OHM 5PC 1/2W	BIAS
	018.0	D 016 033	C					0804079	2	330 PF 10PC 300V MICA	SPEED UP
	019.0								1		
	020.0	D 016 034	R					0223353	2 1	8.2K OHM 5PC 1/2W	COUPLING
	021.0								1		
	022.0	D 015 034	Q	B				0223297	1	2N1305	
	023.0	D 015 035	R					0804041	1	01 1.5K OHM 5PC 1/2W	LOAD
	024.0	C 084 003						FH0000000	3 1	FEED THROUGH HOLE	FROM P9 H
	025.0	D 150 003						FH0000000	3 1	FEED THROUGH HOLE	
	026.0	D 150 007	S					0803214	3 1	TFST POINT	NCFORCD
	027.0								1		
	028.0	D 018 027	D	A				0223292	2 1	R5 1N662	INPUT
	029.0			C					1		
AA	1151.000.0	D 013 026	R					0223331	1	11 47K OHM 5PC 1/2W	
	001.0	D 014 026	R							01	
	002.0	D 016 026	C					0804081	2	12 470 PF 10PC 200V FILM	
AA	1152.000.0	D 013 031	R					0223331	1	11 47K OHM 5PC 1/2W	
	001.0	D 014 031	R							01	
	002.0	D 014 029	C					0804081	2	12 470 PF 10PC 200V FILM	
AA	1153.000.0	D 015 031	R					0223331	1	11 47K OHM 5PC 1/2W	
	001.0	D 016 031	R							01	
	002.0	D 015 029	C					0804081	2	12 470 PF 10PC 200V FILM	
AA	1154.000.0	D 015 027	R					0223331	1	11 47K OHM 5PC 1/2W	
	001.0	D 016 027	R							01	
	002.0	C 081 003						FH0000000	3 1	FEED THROUGH HOLE	
	003.0	D 153 003						FH0000000	3 1	FEED THROUGH HOLE	
	004.0	D 020 027	C					0804081	2 1	12 470 PF 10PC 200V FILM	
AB	1160.000.0	D 018 031	D	A				0223292	2	S1 1N662	INPUT

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	D	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0			C				1			
	002.0	D 017	032	R				0223328		33K OHM 5PC 1/2W	BIAS
	003.0	D 018	033	C	2			0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	D 017	034	R				0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0							1			
	006.0	D 017	034	Q	B			0223297		2N1305	
	007.0	D 018	035	R		2		0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	008.0	D 020	031	D	A	2		0223292	R2	1N662	INPUT
	009.0				C			1			
	010.0	D 019	032	R				0223328		33K OHM 5PC 1/2W	BIAS
	011.0	D 020	033	C	2			0804079		330 PF 10PC 300V MICA	SPEED UP
	012.0	D 020	034	R	2			0223353		8.2K OHM 5PC 1/2W	COUPLING
	013.0							1			
	014.0	D 019	034	Q	B			0223297		2N1305	
	015.0	D 019	035	R		1		0804041	O1	1.5K OHM 5PC 1/2W	LOAD
	016.0	D 018	028	D	A	2		0223292	R3	1N662	INPUT
	017.0				C			1			
AA 1161.	000.0	D 017	030	R				0223331	I1	47K OHM 5PC 1/2W	
	001.0	D 018	030	R				1	O1		
	002.0	D 018	029	C	2			0804081	I2	470 PF 10PC 200V FILM	
AA 1162.	000.0	D 019	030	R				0223331	I1	47K OHM 5PC 1/2W	
	001.0	D 020	030	R				1	O1		
	002.0	D 019	029	C				0804081	I2	470 PF 10PC 200V FILM	
AB 1170.	000.0	D 022	031	D	A	2		0223292	S1	1N662	INPUT
	001.0				C			1			
	002.0	D 021	032	R				0223328		33K OHM 5PC 1/2W	BIAS
	003.0	D 022	033	C	2			0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	D 021	034	R				0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0							1			
	006.0	D 021	034	Q	B			0223297		2N1305	
	007.0	D 022	035	R		2		0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	008.0	D 024	031	D	A	2		0223292	R2	1N662	INPUT
	009.0				C			1			
	010.0	D 023	032	R				0223328		33K OHM 5PC 1/2W	BIAS
	011.0	D 024	033	C	2			0804079		330 PF 10PC 300V MICA	SPEED UP
	012.0	D 024	034	R	2			0223353		8.2K OHM 5PC 1/2W	COUPLING
	013.0							1			
	014.0	D 023	034	Q	B			0223297		2N1305	
	015.0	D 023	035	R		1		0804041	O1	1.5K OHM 5PC 1/2W	LOAD
	016.0	D 019	028	D	A			0223292	R3	1N662	INPUT
AA 1171.	000.0	D 022	029	C	2			0804081	I2	470 PF 10PC 200V FILM	
	001.0	D 021	030	R				0223331	I1	47K OHM 5PC 1/2W	
	002.0	D 022	030	R				1	O1		
AA 1172.	000.0	D 023	029	C				0804081	I2	470 PF 10PC 200V FILM	
	001.0	D 023	030	R				0223331	I1	47K OHM 5PC 1/2W	
	002.0	D 024	030	R				1	O1		
AB 1180.	000.0	C 001	025	D	A			0223292	S1	1N662	INPUT
	001.0	C 004	025	D	A	2		0223292	S2	1N662	INPUT
	002.0				C			1			
	003.0	C 004	028	D	A	2		0223292	S3	1N662	INPUT
	004.0				C			1			
	005.0	C 003	029	R				0223328		33K OHM 5PC 1/2W	BIAS
	006.0	C 004	030	C	2			0804079		330 PF 10PC 300V MICA	SPEED UP
	007.0	C 003	031	R				0223353		8.2K OHM 5PC 1/2W	COUPLING
	008.0	C 003	031	Q	B			0223297		2N1305	
	009.0	C 003	034	R				0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	010.0	C 001	027	D	A			0223292	R4	1N662	INPUT
	011.0				C			1			
	012.0	C 002	029	R	2			0223328		33K OHM 5PC 1/2W	BIAS
	013.0	C 002	030	C	2			0804079		330 PF 10PC 300V MICA	SPEED UP
	014.0							1			

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	015.0	C 001 031	R					1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	016.0							1			
	017.0	C 001 031	Q	B				1 0223297		2N1305	
	018.0	C 002 034	R		2			1 0223253	01	2.2K OHM 5PC 1/2W	LOAD
	019.0							1			
	020.0	C 004 035	D	A	2			1 0223292		R5 1N662	INPUT FROM P9 20
	021.0			C				1			
AA 1181.	000.0	C 001 023	R					1 0223331	11	47K OHM 5PC 1/2W	FROM P9 Y
	001.0							1			
	002.0	C 001 024	C					1 0804081	12	470 PF 10PC 200V FILM	
	003.0	C 002 024	C					1	01		
	004.0	C 001 022	R					1 0223257		10K OHM 5PC 1/2W	
AB 1182.	000.0	C 040 118			3		FH0000000			FEED THROUGH HOLE	FROM P9 19
	001.0	C 004 023	R		2			1 0223331	11	47K OHM 5PC 1/2W	
	002.0							1			
	003.0	C 004 024	C		2			1 0804081	12	470 PF 10PC 200V FILM	
	004.0	C 003 024	C					1	01		
	005.0	C 004 022	R		2			1 0223257		10K OHM 5PC 1/2W	
AA 1183.	000.0	C 002 028	R		2			1 0223331	11	47K OHM 5PC 1/2W	
	001.0	C 004 026	C		2			1 0804079	01	330 PF 10PC 300V MICA	
	002.0	C 003 026	C					1	12		
AA 1184.	000.0	C 003 027	R					1 0223331	11	47K OHM 5PC 1/2W	
	001.0	C 002 026	C		2			1 0804079	12	330 PF 10PC 300V MICA	
	002.0	C 001 026	C					1	01		
AB 1190.	000.0	C 001 010	D	A				1 0223292	S1	1N662	INPUT
	001.0	C 040 032	D	A	2	1		1 0223292	S2	1N662	INPUT
	002.0	C 004 010	D	A	2	1		1 0223292	S3	1N662	INPUT
	003.0			C				1			
	004.0	C 004 012	D	A	2	1		1 0223292	S4	1N662	INPUT
	005.0			C				1			
	006.0	C 003 014	R					1 0223328		33K OHM 5PC 1/2W	BIAS
	007.0	C 004 015	C		2			1 0804079		330 PF 10PC 300V MICA	SPEED UP
	008.0	C 003 016	R					1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	C 003 016	Q	B				1 0223297		2N1305	
	010.0	C 003 019	R					1 0223253	02	2.2K OHM 5PC 1/2W	LOAD
	011.0	C 001 013	D	A				1 0223292	R5	1N662	INPUT
	012.0			C				1			
	013.0	C 002 014	R		2			1 0223328		33K OHM 5PC 1/2W	BIAS
	014.0	C 002 015	C		2			1 0804079		330 PF 10PC 300V MICA	SPEED UP
	015.0							1			
	016.0	C 002 016	R		2			1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0							1			
	018.0	C 001 016	Q	B				1 0223297		2N1305	
	019.0	C 002 019	R		2			1 0223253	01	2.2K OHM 5PC 1/2W	LOAD
	020.0							1			
	021.0	C 040 067	D	A	2	1		1 0223292	R6	1N662	INPUT
	022.0			C				1			
AB 1191.	000.0	C 023 029	R		2	1		1 0223331	11	47K OHM 5PC 1/2W	FROM P9 W
	001.0	C 023 032	C		2	1		1 0804081	12	470 PF 10PC 200V FILM	
	002.0	C 011 032	C					1	01		
	003.0	C 023 020	R		2	1		1 0223257		10K OHM 5PC 1/2W	
	004.0							1			
AA 1192.	000.0	C 028 026	R					1 0223331	11	47K OHM 5PC 1/2W	FROM P9 V
	001.0							1			
	002.0	C 028 029	C					1 0804081	12	470 PF 10PC 200V FILM	
	003.0	C 040 029	C					1	01		
	004.0	C 023 023	R		2	1		1 0223257		10K OHM 5PC 1/2W	
	005.0							1			
AA 1193.	000.0	C 028 023	R					1 0223331	11	47K OHM 5PC 1/2W	FROM P9 U

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	C 040 023	R						01		
	002.0	C 011 026	C					0804081	12	470 PF 10PC 200V FILM	
AA	1194.000.0	C 002 012	R					0223331	11	47K OHM 5PC 1/2W	
	001.0	C 004 011	C					0804079	01	330 PF 10PC 300V MICA	
	002.0	C 003 011	C						12		
AA	1195.000.0	C 003 013	R					0223331	11	47K OHM 5PC 1/2W	
	001.0	C 004 013	R						01		
	002.0	C 002 011	C					0804079	12	330 PF 10PC 300V MICA	
	003.0										
AB	1200.000.0	C 005 010	D	A				0223292	S1	1N662	INPUT
	002.0	C 074 032	D	A	2	1		0223292	S2	1N662	INPUT
	003.0	C 008 010	D	A	2	1		0223292	S3	1N662	INPUT
	004.0			C							
	005.0	C 008 012	D	A	2	1		0223292	S4	1N662	INPUT
	006.0			C							
	007.0	C 007 014	R					0223328		33K OHM 5PC 1/2W	BIAS
	008.0	C 008 015	C		2			0804079		330 PF 10PC 300V MICA	SPEED UP
	009.0	C 007 016	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0	C 007 016	Q	B		1		0223297		2N1305	
	011.0			C							
	012.0	C 007 019	R			1		0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	013.0	C 005 013	D	A		1		0223292	R5	1N662	INPUT
	014.0			C							
	015.0	C 006 014	R		2	1		0223328		33K OHM 5PC 1/2W	BIAS
	016.0			C							
	017.0	C 006 015	C		2	1		0804079		330 PF 10PC 300V MICA	SPEED UP
	018.0	C 006 016	R		2	1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	019.0			C							
	020.0	C 005 016	Q	B		1		0223297		2N1305	
	021.0			C							
	022.0	C 006 019	R		2	1		0223253	O1	2.2K OHM 5PC 1/2W	LOAD
	023.0	C 045 067	D	A		1		0223292	R6	1N662	INPUT
	024.0			C							
AA	1201.000.0	C 057 029	R		2	1	1	0223331	11	47K OHM 5PC 1/2W	FROM P9 R
	001.0	C 057 032	C		2	1		0804081	12	470 PF 10PC 200V FILM	
	002.0	C 045 032	C						01		
	003.0	C 057 020	R		2	1	1	0223257		10K OHM 5PC 1/2W	
	004.0			C							
AA	1202.000.0	C 062 026	R		1	1		0223331	11	47K OHM 5PC 1/2W	FROM P9 P
	001.0	C 062 029	C		1	1		0804081	12	470 PF 10PC 200V FILM	
	002.0	C 074 029	C						01		
	003.0	C 057 023	R		2	1	1	0223257		10K OHM 5PC 1/2W	
AA	1203.000.0	C 062 020	R		1	1		0223331	11	47K OHM 5PC 1/2W	FROM P9 N
	001.0	C 074 020	R		1	1			01		
	002.0	C 040 121			3	1	FH0000000			FEED THROUGH HOLE	FROM P9 18
	003.0	C 034 021			3	1	FH0000000			FEED THROUGH HOLE	
	004.0	C 045 026	C		1	1		0804081	12	470 PF 10PC 200V FILM	
AA	1204.000.0	C 006 012	R		2	1		0223331	11	47K OHM 5PC 1/2W	
	001.0	C 008 011	C		2			0804079	01	330 PF 10PC 300V MICA	
	002.0	C 007 011	C						12		
AA	1205.000.0	C 007 013	R					0223331	11	47K OHM 5PC 1/2W	
	001.0	C 008 013	R						01		
	002.0	C 006 011	C		2			0804079	12	330 PF 10PC 300V MICA	
	003.0			C							
AB	1210.000.0	C 005 025	D	A				0223292	S1	1N662	INPUT
	001.0	C 008 025	D	A	2			0223292	S2	1N662	INPUT
	002.0			C							
	003.0	C 008 028	D	A	2	1		0223292	S3	1N662	INPUT

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0			C					1		
	005.0	C 007 029	R					0223328	1	33K OHM 5PC 1/2W	BIAS
	006.0	C 008 030	C		2			0804079	1	330 PF 10PC 300V MICA	SPEED UP
	007.0	C 007 031	R					0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	008.0	C 007 031	Q	B				0223297	1	2N1305	
	009.0	C 007 034	R					0223253	02	2.2K OHM 5PC 1/2W	LOAD
	010.0								1		
	011.0	C 005 027	D	A				0223292	R4	1N662	INPUT
	012.0			C					1		
	013.0	C 006 029	R		2			0223328	1	33K OHM 5PC 1/2W	BIAS
	014.0								1		
	015.0	C 006 030	C		2			0804079	1	330 PF 10PC 300V MICA	SPEED UP
	016.0	C 005 031	R					0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	017.0								1		
	018.0	C 005 031	Q	B				0223297	1	2N1305	
	019.0			C					1		
	020.0	C 006 034	R		2			0223253	01	2.2K OHM 5PC 1/2W	LOAD
	021.0	C 005 035	D	A				0223292	R5	1N662	INPUT
	022.0	C		C					1		
AA	1211.000.0	C 045 120			3			FH0000000		FEED THROUGH HOLE	FROM P9 17
	001.0	C 005 023	R					0223331	11	47K OHM 5PC 1/2W	
	002.0								1		
	003.0	C 005 024	C					0804081	12	470 PF 10PC 200V FILM	
	004.0	C 006 024	C						01		
	005.0	C 005 022	R					0223257	1	10K OHM 5PC 1/2W	
AA	1212.000.0	C 008 023	R		2			0223331	11	47K OHM 5PC 1/2W	FROM P9 L
	001.0	C 057 123			3			FH0000000		FEED THROUGH HOLE	FROM P9 13
	002.0	C 007 024	C					0804081	12	470 PF 10PC 200V FILM	
	003.0	C 008 024	C						01		
	004.0	C 008 022	R		2			0223257	1	10K OHM 5PC 1/2W	
AA	1213.000.0	C 006 028	R		2			0223331	12	47K OHM 5PC 1/2W	
	001.0	C 008 026	C		2			0804079	01	330 PF 10PC 300V MICA	
	002.0	C 007 026	C						11		
AA	1214.000.0	C 007 027	R					0223331	12	47K OHM 5PC 1/2W	
	001.0	C 006 026	C		2			0804079	11	330 PF 10PC 300V MICA	
	002.0	C 005 026	C						01		
AC	1220.000.0	C 123 034	D	A	2	1		0223292	S1	1N662	INPUT
	001.0			C					1		
	001.1	C 014 009	D	A	2			0223292	S2	1N662	INPUT
	003.1			C					1		
	004.0	C 111 037	R		1			0223328	1	33K OHM 5PC 1/2W	BIAS
	005.0	C 123 040	C		2			0804079	1	330 PF 10PC 300V MICA	SPEED UP
	006.0	C 111 043	R		1			0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	007.0								1		
	008.0	C 111 048	Q	B	1			0223297	1	2N1305	
	009.0			C					1		
	010.0	C 014 016	R		2			0804041	01	1.5K OHM 5PC 1/2W	LOAD
	011.0	C 140 034	D	A	2	1		0223292	R3	1N662	INPUT
	012.0			C					1		
	013.0	C 128 037	R		1			0223328	1	33K OHM 5PC 1/2W	BIAS
	014.0	C 140 040	C		2			0804079	1	330 PF 10PC 300V MICA	SPEED UP
	015.0	C 128 043	R		1			0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	016.0	C 128 048	Q	B	1			0223297	1	2N1305	
	017.0	C 015 016	R		1			0804041	1	1.5K OHM 5PC 1/2W	LOAD
	018.0								1		
	019.0	C 011 036	D	A				0223292	R4	1N662	INPUT
	020.0			C					1		
AA	1221.000.0	C 013 017	R					0223328	11	33K OHM 5PC 1/2W	
	001.0								1		
	002.0	C 013 008	C					0804081	12	470 PF 10PC 200V FILM	
	003.0	C 014 008	C						01		

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1222.000.0	C 144	120					3 1 FH0000000		FEED THROUGH HOLE	FROM P8 16
	001.0	C 016	007	R				2 1 0804044	I1	22K OHM 5PC 1/2W	
	002.0	C 015	007	R					O1		
	003.0	D 086	012	S				1 1 1 0803214		TEST POINT	SHIFT LEFT OVER FLOW
	004.0										
	005.0	D 081	003					3 1 FH0000000		FEED THROUGH HOLE	
	006.0	C 153	003					3 1 FH0000000		FEED THROUGH HOLE	
	007.0	C 018	010	C				2 1 0804087	I2	.001 MFD 10PC 200V FILM	
AA	1223.000.0	C 160	125					3 1 FH0000000		FEED THROUGH HOLE	FROM P8 14
	001.0	C 018	009	R				2 1 0223331	I1	47K OHM 5PC 1/2W	
	002.0	C 017	009	R					O1		
	003.0	C 015	008	C				1 0804081	I2	470 PF 10PC 200V FILM	
	004.0							1			
AB	1230.000.0	E 004	023	D	A	2		0223292	S1	1N662	INPUT
	001.0	E 002	017	D	A	2		0223292	S2	1N662	INPUT
	002.0				C			1			
	003.0	E 001	023	R				1 0804037		330 OHM 5PC 1/2W	
	004.0	E 002	024	R		2		0223328		33K OHM 5PC 1/2W	BIAS
	005.0	E 001	022	C				0804076		100 PF 10PC 300V MICA	SPEED UP
	006.0	E 001	021	R				1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	E 004	020	D	A	2		1 0223292		1N662	CLAMP
	008.0	E 004	019	Q	B	1		1 0804111		2N2635	
	009.0				C			1			
	010.0	E 003	019	R				1 0804041	O2	1.5K OHM 5PC 1/2W	LOAD TO P7 T
	011.0							1			
	012.0	E 002	015	D	A	2		1 0223292	R3	1N662	INPUT
	013.0	E 003	018	R				1 0804048		68K OHM 5PC 1/2W	
	014.0							1			
	015.0	E 002	014	D	A	2		0223292	R4	1N662	INPUT
	016.0	E 004	015	D	A	2		0223292	R5	1N662	INPUT
	017.0	E 002	016	D	A	2		1 0223292	R6	1N662	INPUT
	018.0				C			1			
	019.0	E 001	026	R				1 0804037		330 OHM 5PC 1/2W	
	020.0	E 002	025	R		2		0223328		33K OHM 5PC 1/2W	BIAS
	021.0	E 003	022	C				0804076		100 PF 10PC 300V MICA	SPEED UP
	022.0	E 004	021	R				2 1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	024.0	E 002	020	D	A	2		1 0223292		1N662	CLAMP
	025.0	E 002	019	Q	B	1		1 0804111		2N2635	
	026.0	E 001	019	R				1 0804041	O1	1.5K OHM 5PC 1/2W	LOAD
	027.0	C 045	017	D	A	1		1 0223292	R7	1N662	INPUT
AC	1231.000.3	E 003	025	C				0804076		100 PF 10PC 300V MICA	
	000.4	E 004	025	C				1	I1		FROM P7 S
	002.0	E 004	024	R		2		1 0223328	I2	33K OHM 5PC 1/2W	
	003.0	E 003	024	R					O1		
AA	1232.000.0	E 025	118					3 1 FH0000000		FEED THROUGH HOLE	FROM P7 17
	001.0	E 002	018	R		2		1 0223401	I1	4.7K OHM 5PC 1/2W	
	002.0	E 001	018	R					O1		
	003.0	E 055	057	C		2		1 0804076	I2	100 PF 10PC 300V MICA	
AA	1233.000.0	E 086	124					3 1 FH0000000		FEED THROUGH HOLE	TO P7 E
	001.0	E 001	028	R				0223258	I1	18K OHM 5PC 1/2W	
	002.0	E 002	028	R					O1		
	003.0	E 001	030	C				1 0804078	I2	220 PF 10PC 300V MICA	FROM P7 18
	004.0							1			
AA	1234.000.0	E 002	013	R		2		1 0223401	I1	4.7K OHM 5PC 1/2W	FROM P7 X
	001.0	E 001	013	R					O1		
	002.0	E 055	054	C		2		1 1 0804076	I2	100 PF 10PC 300V MICA	
AA	1235.000.0	E 004	017	R		2		1 0223403	I1	6.8K OHM 5PC 1/2W	FROM P7 11
	000.1	E 003	017	R					O1		
	001.0	E 003	016	C				1 0804076	I2	100 PF 10PC 300V MICA	
AB	1236.000.0	E 001	029	R				0223328	I1	33K OHM 5PC 1/2W	FROM P7 14

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	000.1	E 002 029	R						01		
	001.0	E 001 027	C					0804076	12	100 PF 10PC 300V MICA	
	002.0							1			
AB 1240.	000.0	C 090 034	D	A	2	1	1	0223292	S1	1N662	INPUT
	001.0	C 078 037	R					0223328		33K OHM 5PC 1/2W	BIAS
	002.0	C 090 040	C		2	1	1	0804079		330 PF 10PC 300V MICA	SPEED UP
	003.0							1			
	004.0	C 078 043	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0							1			
	006.0	C 078 048	Q	B				0223297		2N1305	
	007.0			C				1			
	008.0	C 010 016	R		2			0804041	02	1.5K OHM 5PC 1/2W	LOAD
	009.0							1			
	010.0	C 106 034	D	A	2	1	1	0223292	R2	1N662	INPUT
	011.0			C				1			
	012.0	C 094 037	R					0223328		33K OHM 5PC 1/2W	BIAS
	013.0	C 106 040	C		2	1		0804079		330 PF 10PC 300V MICA	SPEED UP
	014.0	C 094 043	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	015.0	C 094 048	Q	B				0223297		2N1305	
	017.0	C 011 016	R					0804041	01	1.5K OHM 5PC 1/2W	LOAD
	018.0							1			
	019.0	C 009 005	D	A				0223292	R3	1N662	INPUT
AA 1241.	000.0	C 010 008	C		2			0804081	I1	470 PF 10PC 200V FILM	
	001.0	C 009 009	R					0223328	I2	33K OHM 5PC 1/2W	FROM P9 M
	002.0	C 010 009	R					1	01		
AA 1242.	000.0	C 011 009	R					0223328	I1	33K OHM 5PC 1/2W	
	001.0	C 012 009	R					1	01		
	002.0	C 011 008	C					0804081	I2	470 PF 10PC 200V FILM	
AB 1250.	000.0	E 009 025	D	A				0223292	S1	1N662	INPUT
	001.0	E 009 026	D	A				0223292	S2	1N662	INPUT
	002.0	E 010 024	R		2			0804037		330 OHM 5PC 1/2W	
	003.0	E 009 023	R					0223328		33K OHM 5PC 1/2W	BIAS
	004.0	E 009 022	C					0804071		22 PF 10PC 300V MICA	SPEED UP
	005.0	E 010 021	R		2			0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	E 010 020	D	A	2			0223292		1N662	CLAMP
	007.0	E 010 019	Q	B	1			0804111		2N2635	
	008.0	E 009 018	R					0804041		1.5K OHM 5PC 1/2W	LOAD
	009.0	E 009 019	Q	B				0804008		2N1304	
	010.0	E 010 019	R		2			0223253	02	2.2K OHM 5PC 1/2W	LOAD
	011.0	E 091 124						3	1	FH0000000	FEED THROUGH HOLE
	012.0	E 008 025	D	A	2			0223292	R3	1N662	INPUT
	013.0	E 008 026	D	A	2			0223292	R4	1N662	INPUT
	014.0	E 008 027	D	A	2			0223292	R5	1N662	INPUT
	015.0	E 007 024	R					0804037		330 OHM 5PC 1/2W	
	016.0	E 008 023	R		2			0223328		33K OHM 5PC 1/2W	BIAS
	017.0	E 007 022	C					0804071		22 PF 10PC 300V MICA	SPEED UP
	018.0	E 008 021	R		2			0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0	E 008 020	D	A	2			0223292		1N662	CLAMP
	021.0	E 008 019	Q	B	1			0804111		2N2635	
	022.0			C				1			
	023.0	E 008 018	R		2			0804041		1.5K OHM 5PC 1/2W	LOAD
	024.0							1			
	025.0	E 007 019	Q	B				0804008		2N1304	
	026.0	E 007 019	R					0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA 1251.	000.0	E 010 029	R		2			0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	E 009 029	R					1	01		
	002.0	E 088 109	C		2	1		0804076	I2	100 PF 10PC 300V MICA	
AA 1252.	000.0	E 007 030	R					0223326	I1	15K OHM 5PC 1/2W	TO P7 L
	001.0	E 008 030	R					1	01		
	002.0	E 007 031	C					0804076	I2	100 PF 10PC 300V MICA	
AA 1253.	000.0	E 013 032			2	1		FH0000000		FEED THROUGH HOLE	

REV LTR	REF=LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	E 010	031	R			2	0223401	11	4.7K OHM 5PC 1/2W	
	001.1	E 009	031	R					01		
	002.0	E 007	032	C			1	0804076	12	100 PF 10PC 300V MICA	
	003.0						1				
AA 1254.	000.0	E 010	027	R			2	1	0223326	11 15K OHM 5PC 1/2W	TO P7 B
	001.0	E 009	027	R					01		
	002.0	E 008	103	C			2	1	0804076	12 100 PF 10PC 300V MICA	
AA 1255.	000.0	E 007	029	R			1		0223326	11 15K OHM 5PC 1/2W	
	000.1	E 008	029	R					01		
	001.0	E 007	028	C					0804076	12 100 PF 10PC 300V MICA	
AB 1260.	000.0	E 013	025	D	A		1		0223292	S1 1N662	INPUT
	001.0	E 013	026	D	A		1		0223292	S2 1N662	INPUT
	002.0	E 014	024	R			2		0804037	330 OHM 5PC 1/2W	
	003.0	E 014	023	R			2	1	0223328	33K OHM 5PC 1/2W	BIAS FROM P6 Z
	005.0	E 013	022	C					0804071	22 PF 10PC 300V MICA	SPEED UP
	006.0	E 013	021	R			1		0223353	8.2K OHM 5PC 1/2W	COUPLING
	007.0	E 014	020	D	A		2	1	0223292	1N662	CLAMP
	008.0	E 014	019	Q	B		1		0804111	2N2635	
	009.0	E 014	019	R			2		0804041	1.5K OHM 5PC 1/2W	LOAD
	010.0	E 013	019	Q	B		1		0804008	2N1304	
	011.0				E		1				
	012.0	E 014	018	R			2		0223253	02 2.2K OHM 5PC 1/2W	LOAD
	013.0	E 012	025	D	A		2	1	0223292	R3 1N662	INPUT
	014.0	E 012	026	D	A		2		0223292	R4 1N662	INPUT
	015.0	E 012	027	D	A		2		0223292	R5 1N662	INPUT
	016.0	E 011	024	R					0804037	330 OHM 5PC 1/2W	
	017.0	E 012	023	R			2		0223328	33K OHM 5PC 1/2W	BIAS
	018.0	E 011	022	C					0804071	22 PF 10PC 300V MICA	SPEED UP
	019.0	E 012	021	R			2	1	0223353	8.2K OHM 5PC 1/2W	COUPLING
	021.0	E 012	020	D	A		2	1	0223292	1N662	CLAMP
	022.0	E 012	019	Q	B		1		0804111	2N2635	
	023.0				C		1				
	024.0	E 012	019	R			2		0804041	1.5K OHM 5PC 1/2W	
	025.0	E 011	019	Q	B				0804008	2N1304	
	026.0				E		1				
	027.0	E 012	018	R			2	1	0223253	01 2.2K OHM 5PC 1/2W	LOAD
AA 1261.	000.0	E 014	029	R			2		0223401	11 4.7K OHM 5PC 1/2W	
	001.0	E 013	029	R			1			01	
	002.0	E 013	030	C					0804076	100 PF 10PC 300V MICA	
	003.0	E 014	030	C						12	
AA 1262.	000.0	E 110	127				3	1	FH0000000	FEED THROUGH HOLE	FROM P7 1
	001.0	E 011	030	R			1		0223326	11 15K OHM 5PC 1/2W	
	002.0	E 012	030	R			1			01	
	003.0	E 011	031	C					0804076	12 100 PF 10PC 300V MICA	
AA 1263.	000.0	E 017	032				2	1	FH0000000	FEED THROUGH HOLE	
	001.0	E 014	031	R			2		0223401	11 4.7K OHM 5PC 1/2W	
	001.1	E 013	031	R						01	
	002.0	E 011	032	C					0804076	12 100 PF 10PC 300V MICA	
	003.0						1				
AA 1264.	000.0	E 014	027	R			2	1	0223326	11 15K OHM 5PC 1/2W	FROM P6 X
	001.0	E 013	027	R						01	
	002.0	E 013	028	C					0804076	100 PF 10PC 300V MICA	
	003.0	E 014	028	C						12	
AA 1265.	000.0	E 011	029	R			1		0223326	11 15K OHM 5PC 1/2W	FROM P7 A
	001.0	E 011	028	C					0804076	12 100 PF 10PC 300V MICA	
	002.0	E 012	028	C						01	
AB 1270.	000.0	E 017	025	D	A		1		0223292	S1 1N662	INPUT
	001.0	E 017	026	D	A		1		0223292	S2 1N662	INPUT

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF- INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
		002.0	E 018 024	R				2	0804037		330 OHM 5PC 1/2W	
		003.0	E 017 023	R					0223328		33K OHM 5PC 1/2W	BIAS
		004.0	E 017 022	C				1	0804071		22 PF 10PC 300V MICA	SPEED
		005.0	E 017 021	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
		006.0	E 018 020	D	A			2	0223292		1N662	CLAMP
		007.0	E 018 019	Q	B			1	0804111		2N2635	
		008.0	E 018 019	R				2	0804041		1.5K OHM 5PC 1/2W	LOAD
		009.0	E 017 019	Q	B			1	0804008		2N1304	
		010.0			E			1				
		011.0	E 018 018	R				2	0223253	02	2.2K OHM 5PC 1/2W	LOAD
		012.0	E 016 025	D	A			2	0223292	R3	1N662	INPUT
		013.0	E 016 026	D	A			2	0223292	R4	1N662	INPUT
		014.0	E 016 027	D	A			2	0223292	R5	1N662	INPUT
		015.0	E 015 024	R					0804037		330 OHM 5PC 1/2W	
		016.0	E 015 023	R					0223328		33K OHM 5PC 1/2W	BIAS
		017.0	E 015 022	C					0804071		22 PF 10PC 300V MICA	SPEED UP
		018.0	E 016 021	R				2	0223353		8.2K OHM 5PC 1/2W	COUPLING
		019.0	E 016 020	D	A			2	0223292		1N662	CLAMP
		020.0	E 016 019	Q	B			1	0804111		2N2635	
		021.0			C			1				
		022.0	E 016 019	R				2	0804041		1.5K OHM 5PC 1/2W	LOAD
		023.0	E 015 019	Q	B				0804008		2N1304	
		024.0			E			1				
		025.0	E 016 018	R				2	0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA	1271.	000.0	E 018 029	R				2	0223401	11	4.7K OHM 5PC 1/2W	
		001.0	E 017 029	R				1		01		
		002.0	E 017 030	C					0804076		100 PF 10PC 300V MICA	
		003.0	E 018 030	C						12		
AA	1272.	000.0	E 015 030	R				1	0223326	11	15K OHM 5PC 1/2W	TO P6 W
		001.0	E 016 030	R				1		01		
		002.0	E 015 031	C					0804076	12	100 PF 10PC 300V MICA	
AB	1273.	000.1	E 021 032					2	1 FH0000000		FEED THROUGH HOLE	
		001.0	E 018 031	R				2	0223401	11	4.7K OHM 5PC 1/2W	
		002.0	E 015 032	C					0804076	12	100 PF 10PC 300V MICA	
		003.0	E 016 032	C				1		01		
AA	1274.	000.0	E 018 027	R				2	0223326	11	15K OHM 5PC 1/2W	TO P6 R
		001.0	E 017 027	R						01		
		002.0	E 017 028	C					0804076		100 PF 10PC 300V MICA	
		003.0	E 018 028	C						12		
AA	1275.	000.0	E 015 029	R				1	0223326	11	15K OHM 5PC 1/2W	
		001.0	E 015 028	C					0804076	12	100 PF 10PC 300V MICA	
		002.0	E 016 028	C						01		
AB	1280.	000.0	E 021 025	D	A			1	0223292	S1	1N662	INPUT
		001.0	E 021 026	D	A			1	0223292	S2	1N662	INPUT
		002.0	E 021 024	R					0804037		330 OHM 5PC 1/2W	
		003.0	E 021 023	R					0223328		33K OHM 5PC 1/2W	BIAS
		004.0	E 021 022	C					0804071		22 PF 10PC 300V MICA	SPEED UP
		005.0	E 021 021	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
		006.0	E 022 020	D	A			2	0223292		1N662	CLAMP
		007.0	E 022 019	Q	B			1	0804111		2N2635	
		008.0	E 022 019	R				2	0804041		1.5K OHM 5PC 1/2W	LOAD
		009.0	E 021 019	Q	B			1	0804008		2N1304	
		010.0			E			1				
		011.0	E 022 018	R				2	0223253	02	2.2K OHM 5PC 1/2W	LOAD
		012.0	E 020 025	D	A			2	0223292	R3	1N662	INPUT
		013.0	E 020 026	D	A			2	0223292	R4	1N662	INPUT
		014.0	E 020 027	D	A			2	0223292	R5	1N662	INPUT
		015.0	E 019 024	R					0804037		330 OHM 5PC 1/2W	
		016.0	E 019 023	R					0223328		33K OHM 5PC 1/2W	BIAS
		017.0	E 019 022	C					0804071		22 PF 10PC 300V MICA	SPEED UP
		018.0	E 020 021	R				2	0223353		8.2K OHM 5PC 1/2W	COUPLING

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	019.0	E 020 020	D	A	2	1		0223292		1N662	CLAMP
	020.0	E 020 019	Q	B	1	1		0804111		2N2635	
	021.0			C		1					
	022.0	E 020 019	R		2			0804041		1.5K OHM 5PC 1/2W	LOAD
	023.0	E 019 019	Q	B				0804008		2N1304	
	024.0			E		1					
	025.0	E 020 018	R		2	1		0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA	1281.000.0	E 022 029	R		2	1		0223401	11	4.7K OHM 5PC 1/2W	
	001.0	E 021 029	R			1			01		
	002.0	E 021 030	C					0804076		100 PF 10PC 300V MICA	
	003.0	E 022 030	C						12		
AA	1282.000.0	E 019 030	R			1		0223326	11	15K OHM 5PC 1/2W	TO P6 N
	001.0	E 020 030	R			1			01		
	002.0	E 019 031	C					0804076	12	100 PF 10PC 300V MICA	
AA	1283.000.0	E 211 121			3	1	FH0000000			FFED THROUGH HOLE	
	001.0	E 022 031	R		2			0223401	11	4.7K OHM 5PC 1/2W	
	002.0	E 019 032	C			1		0804076	12	100 PF 10PC 300V MICA	FROM P6 P
	003.0	E 020 032	C			1			01		
AA	1284.000.0	E 022 027	R		2	1		0223326	11	15K OHM 5PC 1/2W	TO P6 F
	001.0	E 021 027	R						01		
	002.0	E 021 028	C					0804076		100 PF 10PC 300V MICA	
	003.0	E 022 028	C						12		
AA	1285.000.0	E 019 029	R			1		0223326	11	15K OHM 5PC 1/2W	
	001.0	E 019 028	C					0804076	12	100 PF 10PC 300V MICA	
	002.0	E 020 028	C						01		
AB	1290.000.0	E 025 027	D	A				0223292	S1	1N662	INPUT
	001.0	E 025 026	D	A				0223292	S2	1N662	INPUT
	002.0	E 025 025	D	A		1		0223292	S3	1N662	INPUT
	003.0	E 025 024	R					0804037		330 OHM 5PC 1/2W	
	004.0	E 025 023	R					0223328		33K OHM 5PC 1/2W	BIAS
	005.0	E 025 022	C			1		0804071		22 PF 10PC 300V MICA	SPEED UP
	006.0	E 025 021	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	E 026 020	D	A	2			0223292		1N662	CLAMP
	008.0	E 026 019	Q	B	1			0804111		2N2635	
	009.0	E 025 019	R			1		0804041		1.5K OHM 5PC 1/2W	LOAD
	011.0	E 025 019	Q	B		1		0804008		2N1304	
	012.0			E		1					
	013.0	E 026 018	R		2			0223253	02	2.2K OHM 5PC 1/2W	LOAD
	014.0	E 024 027	D	A	2			0223292	R4	1N662	INPUT
	015.0	E 024 026	D	A	2	1		0223292	R5	1N662	INPUT
	016.0	E 024 025	D	A	2	1		0223292	R6	1N662	INPUT
	017.0	E 023 024	R					0804037		330 OHM 5PC 1/2W	
	018.0	E 023 023	R					0223328		33K OHM 5PC 1/2W	BIAS
	019.0	E 023 022	C					0804071		22 PF 10PC 300V MICA	SPEED UP
	020.0	E 024 021	R		2	1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	021.0	E 024 020	D	A	2	1		0223292		1N662	CLAMP
	022.0	E 024 019	Q	B	1	1		0804111		2N2635	
	023.0			C		1					
	024.0	E 024 019	R		2			0804041		1.5K OHM 5PC 1/2W	LOAD
	025.0	E 023 019	Q	B				0804008		2N1304	
	026.0			E		1					
	027.0	E 024 018	R		2	1		0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA	1291.000.0	E 026 028	R		2	1		0223326	11	15K OHM 5PC 1/2W	FROM P6 C
	001.0	E 025 028	R						01		
	002.0	E 025 029	C					0804076		100 PF 10PC 300V MICA	
	003.0	E 026 024	C						12		
AA	1292.000.0	E 194 124			3	1	FH0000000			FFED THROUGH HOLE	TO P6 4
	001.0	E 023 030	R			1		0223326	11	15K OHM 5PC 1/2W	
	002.0	E 024 030	R			1			01		

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0 004.0	E 023	031	C				0804076	I2	100 PF 10PC 300V MICA	
AA 1293.	000.0 001.0 002.0	E 026	033	R	2			0223401	I1	4.7K OHM 5PC 1/2W	
		E 025	032	C				0804076	O1	100 PF 10PC 300V MICA	
		E 026	032	C					I2		
AA 1294.	000.0 001.0 002.0	E 023	028	R	1			0223326	I1	15K OHM 5PC 1/2W	FROM P6 n
		E 024	028	R					O1		
		E 023	029	C				0804076	I2	100 PF 10PC 300V MICA	
AB 1295.	000.0 001.0 002.0 003.0	E 026	030	R	2			0223326	I1	15K OHM 5PC 1/2W	TO P6 A
		E 025	030	R					O1		
		E 025	031	C				0804076	I1	100 PF 10PC 300V MICA	
		E 026	031	C					I2		
AA 1296.	000.0 001.0 002.0	E 023	033	R				0223401	I1	4.7K OHM 5PC 1/2W	
		E 023	032	C				0804076	I2	100 PF 10PC 300V MICA	
		E 024	032	C					O1		
AC 1300.	000.0 001.0 002.0 003.0 004.0 005.0 006.0 007.0 008.0 009.0 010.0 011.0 012.0 013.0 015.0 016.0 017.0 018.0 019.0 020.0 021.0 022.0 023.0 024.0 025.0 026.0 027.0 028.0 029.0	E 009	011	D	A			0223292	S1	1N662	INPUT
		E 009	009	D	A	1		0223292	S2	1N662	INPUT
		E 009	010	D	A			0223292	S3	1N662	INPUT
		E 009	008	D	A	1		0223292	S4	1N662	INPUT
		E 009	007	R				0804037		330 OHM 5PC 1/2W	
		E 009	006	R				0223328		33K OHM 5PC 1/2W	BIAS
		E 009	005	C				0804071		22 PF 10PC 300V MICA	SPEED UP
		E 009	004	R				0223353		8.2K OHM 5PC 1/2W	COUPLING
		E 010	003	D	A	2		0223292		1N662	CLAMP
		E 010	002	Q	B	1		0804111		2N2635	
		E 009	001	R				0804041		1.5K OHM 5PC 1/2W	LOAD
		E 009	002	Q	B	1		0804008		2N1304	
		E 010	002	R				0223253	O2	2.2K OHM 5PC 1/2W	LOAD
		E 008	010	D	A	2		0223292	R5	1N662	INPUT
		E 008	008	D	A	2		0223292	R6	1N662	INPUT
		E 008	009	D	A	2		0223292	R7	1N662	INPUT
		E 007	033	D	A			0223292	R8	1N662	INPUT
				C							
		E 076	037					FH0000000		FEED THROUGH HOLE	*Y+025*
		E 007	007	R				0804037		330 OHM 5PC 1/2W	
		E 007	006	R				0223328		33K OHM 5PC 1/2W	BIAS
		E 007	005	C				0804071		22 PF 10PC 300V MICA	SPEED UP
		E 008	004	R				0223353		8.2K OHM 5PC 1/2W	COUPLING
		E 008	003	D	A	2		0223292		1N662	CLAMP
		E 008	002	Q	B	1		0804111		2N2635	
				C							
		E 008	001	R				0804041		1.5K OHM 5PC 1/2W	LOAD
		E 007	002	Q	B			0804008		2N1304	
		E 007	002	R				0223253	O1	2.2K OHM 5PC 1/2W	LOAD
AB 1301.	000.1 001.1 002.1 003.1 004.0 005.0 006.0	E 219	003		3			FH0000000		FEED THROUGH HOLE	
		F 015	003		3			FH0000000		FEED THROUGH HOLE	
		F 150	003		3			FH0000000		FEED THROUGH HOLE	
		E 084	003		3			FH0000000		FEED THROUGH HOLE	
		E 010	012	R	2			0223401	I1	4.7K OHM 5PC 1/2W	
		E 009	012	R					O1		
		E 007	011	C				0804076	I2	100 PF 10PC 300V MICA	
AA 1302.	000.0 001.0 002.0	E 007	017	R				0223326	I1	15K OHM 5PC 1/2W	
		E 009	016	C				0804076	O1	100 PF 10PC 300V MICA	
		E 010	016	C					I2		
AA 1303.	000.0 001.0 002.0 003.0	E 010	014	R	2			0223326	I1	15K OHM 5PC 1/2W	
		E 009	013	C				0804076	O1	100 PF 10PC 300V MICA	
		E 010	013	C					I2		
AA 1304.	000.0	E 011	017	C				0804079		330 PF 10PC 300V MICA	

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	E	012	017	C				12		
	002.0	E	010	017	R	2	1	0804048	11	68K OHM 5PC 1/2W	FROM P7 D
	003.0	E	009	017	R		1		01		
AA	1305.000.0	E	007	013	R		1	0223401	11	4.7K OHM 5PC 1/2W	
	001.0	E	007	012	C			0804076	12	100 PF 10PC 300V MICA	
	002.0	E	008	012	C				01		
AA	1306.000.0	E	010	015	R	2	1	0223326	11	15K OHM 5PC 1/2W	
	001.0	E	009	015	R				01		
	002.0	F	177	003			3	FH0000000		FEED THROUGH HOLE	
	003.0	E	057	003			3	FH0000000		FEED THROUGH HOLE	
	004.0	E	007	016	C		1	0804076	12	100 PF 10PC 300V MICA	
	005.0						1				
AA	1307.000.0	E	007	015	R			0223326	11	15K OHM 5PC 1/2W	
	001.0	E	007	014	C		1	0804076	12	100 PF 10PC 300V MICA	
	002.0	E	008	014	C		1		01		
AA	1308.000.0	E	010	033	R	2	1	0804044	11	22K OHM 5PC 1/2W	FROM P7 C
	001.0	E	009	033	R		1		01		
	002.0	E	078	121	C	1	1	0804079	12	330 PF 10PC 300V MICA	FROM P7 J
	003.0	E	062	126	R	1	1	0804048		68K OHM 5PC 1/2W	FROM P7 L 12V
	004.0						1				
AC	1310.000.0	E	013	010	D	A		0223292	S1	1N662	INPUT
	001.0	E	013	009	D	A	1	0223292	S2	1N662	INPUT
	002.0	E	013	008	D	A	1	0223292	S3	1N662	INPUT
	003.0	E	013	007	R			0804037		330 OHM 5PC 1/2W	
	004.0	E	014	006	R	2	1	0223328		33K OHM 5PC 1/2W	BIAS
	006.0	E	013	005	C			0804071		22 PF 10PC 300V MICA	SPEED UP
	007.0	E	013	004	R		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	008.0	E	014	003	D	A	2	0223292		1N662	CLAMP
	009.0	E	014	002	Q	B	1	0804111		2N2635	
	010.0	E	013	001	R		1	0804041		1.5K OHM 5PC 1/2W	LOAD
	011.0	E	013	002	Q	B	1	0804008		2N1304	
	012.0	E	014	002	R	2	1	0223253	02	2.2K OHM 5PC 1/2W	LOAD
	013.0	E	012	009	D	A	2	0223292	R4	1N662	INPUT
	014.0	E	012	008	D	A	2	0223292	R5	1N662	INPUT
	015.0	E	012	010	D	A	2	0223292	R6	1N662	INPUT
	016.0	E	011	007	R			0804037		330 OHM 5PC 1/2W	
	017.0	E	011	006	R			0223328		33K OHM 5PC 1/2W	BIAS
	018.0	E	011	005	C			0804071		22 PF 10PC 300V MICA	SPEED UP
	019.0	E	012	004	R	2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0	E	012	003	D	A	2	0223292		1N662	CLAMP
	021.0	E	012	002	Q	B	1	0804111		2N2635	
	022.0					C	1				
	023.0	E	012	001	R	2	1	0804041		1.5K OHM 5PC 1/2W	LOAD
	024.0	E	011	002	Q	B		0804008		2N1304	
	025.0					E	1				
	026.0	E	011	002	R			0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA	1311.000.0	F	180	003			3	FH0000000		FEED THROUGH HOLE	
	001.0	E	054	003			3	FH0000000		FEED THROUGH HOLE	
	002.0	F	117	003			3	FH0000000		FEED THROUGH HOLE	
	003.0	E	117	003			3	FH0000000		FEED THROUGH HOLE	
	004.0	E	014	011	R	2	1	0223401	11	4.7K OHM 5PC 1/2W	
	005.0	E	013	011	R				01		
	006.0	E	013	012	C			0804076		100 PF 10PC 300V MICA	
	007.0	E	014	012	C		1		12		
AA	1312.000.0	E	012	016	R	2	1	0223326	11	15K OHM 5PC 1/2W	
	001.0	E	011	015	C			0804076	12	100 PF 10PC 300V MICA	
	002.0	E	012	015	C		1		01		
AA	1313.000.0	E	013	016	C			0804079		330 PF 10PC 300V MICA	
	001.0	E	014	016	C				12		

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF=LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	E 124	127					3 1 FH0000000		FEED THROUGH HOLE	FROM P6 22
	003.0	E 014	015	R				2 1 0804048	11	68K OHM 5PC 1/2W	
	004.0	E 013	015	R				1	01		
AA	1314.000.0	E 011	014	R				1 0223401	11	4.7K OHM 5PC 1/2W	
	001.0	E 012	014	R				1	01		
	002.0	E 011	012	C				1 0804076	12	100 PF 10PC 300V MICA	
	003.0							1			
AA	1315.000.0	E 014	013	R				2 1 0223326	11	15K OHM 5PC 1/2W	
	001.0	E 013	013	R				1	01		
	002.0	E 013	014	C				1 0804076		100 PF 10PC 300V MICA	
	003.0	E 014	014	C				1	12		
AA	1316.000.0	E 011	011	R				1 0223326	11	15K OHM 5PC 1/2W	
	001.0	E 012	011	R				1	01		
	002.0	E 011	013	C				1 0804076	12	100 PF 10PC 300V MICA	
	003.0							1			
AB	1320.000.0	E 017	010	D	A			0223292	S1	1N662	INPUT
	001.0	E 017	009	D	A			1 0223292	S2	1N662	INPUT
	002.0	E 017	008	D	A			1 0223292	S3	1N662	INPUT
	003.0	E 017	007	R				0804037		330 OHM 5PC 1/2W	
	004.0	E 017	006	R				0223328		33K OHM 5PC 1/2W	BIAS
	005.0	E 017	005	C				0804071		22 PF 10PC 300V MICA	SPEED UP
	006.0	E 017	004	R				1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	E 018	003	D	A	2		1 0223292		1N662	CLAMP
	008.0	E 018	002	Q	B	1		1 0804111		2N2635	
	009.0	E 017	001	R				1 0804041		1.5K OHM 5PC 1/2W	LOAD
	010.0	E 017	002	Q	B			1 0804008		2N1304	
	011.0	E 018	002	R		2		1 0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	012.0	E 016	009	D	A	2		1 0223292	R4	1N662	INPUT
	013.0	E 016	008	D	A	2		1 0223292	R5	1N662	INPUT
	014.0	E 016	010	D	A	2		0223292	R6	1N662	INPUT
	015.0	E 015	007	R				0804037		330 OHM 5PC 1/2W	
	016.0	E 015	006	R				0223328		33K OHM 5PC 1/2W	BIAS
	017.0	E 015	005	C				0804071		22 PF 10PC 300V MICA	SPEED UP
	018.0	E 016	004	R		2		1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	019.0	E 016	003	D	A	2		1 0223292		1N662	CLAMP
	020.0	E 016	002	Q	B	1		1 0804111		2N2635	
	021.0				C			1			
	022.0	E 016	001	R		2		1 0804041		1.5K OHM 5PC 1/2W	LOAD
	023.0	E 015	002	Q	B			1 0804008		2N1304	
	024.0				E			1			
	025.0	E 015	002	R				0223253	O1	2.2K OHM 5PC 1/2W	LOAD
AA	1321.000.0	E 018	011	R				2 0223401	11	4.7K OHM 5PC 1/2W	
	001.0	E 017	011	R				1	01		
	002.0	E 017	012	C				0804076		100 PF 10PC 300V MICA	
	003.0	E 018	012	C				1	12		
AA	1322.000.0	E 016	016	R				2 1 0223326	11	15K OHM 5PC 1/2W	
	001.0	E 015	015	C				1 0804076	12	100 PF 10PC 300V MICA	
	002.0	E 016	015	C				1	01		
AB	1323.000.0	E 017	016	C				0804079		330 PF 10PC 300V MICA	
	000.1	E 018	016	C				1	11		FROM P6 T
	002.0	E 018	015	R				2 1 0804048	12	68K OHM 5PC 1/2W	FROM P6 S
	003.0	E 017	015	R				1	01		
AA	1324.000.0	E 015	014	R				1 0223401	11	4.7K OHM 5PC 1/2W	
	001.0	E 016	014	R				1	01		
	002.0	E 015	012	C				1 0804076	12	100 PF 10PC 300V MICA	
	003.0							1			
AA	1325.000.0	E 018	013	R				2 1 0223326	11	15K OHM 5PC 1/2W	
	001.0	E 017	013	R				1	01		

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	E	017	014	C			1 0804076		100 PF 10PC 300V MICA	
	003.0	E	018	014	C			1	12		FROM P A U
AA	1326.000.0	E	015	011	R			1 0223326	11	15K OHM 5PC 1/2W	
	001.0	E	016	011	R			1	01		
	002.0	E	015	013	C			1 0804076	12	100 PF 10PC 300V MICA	
	003.0							1			
AC	1330.000.0	E	021	010	D	A		1 0223292	S1	1N662	INPUT
	001.0	E	021	009	D	A		1 0223292	S2	1N662	INPUT
	002.0	E	021	008	D	A		1 0223292	S3	1N662	INPUT
	003.0	E	021	007	R			0804037		330 OHM 5PC 1/2W	
	004.0	E	021	006	R			0223328		33K OHM 5PC 1/2W	BIAS
	005.0	E	021	005	C			1 0804071		22 PF 10PC 300V MICA	SPEED UP
	006.0	E	021	004	R			0223353		8.2K OHM 5PC 1/2W	COUPLING
	007.0	E	022	003	D	A	2	1 0223292		1N662	CLAMP
	008.0	E	022	002	Q	B	1	1 0804111		2N2635	
	009.0	E	021	001	R			0804041		1.5K OHM 5PC 1/2W	LOAD
	010.0	E	021	002	Q	B		1 0804008		2N1304	
	011.0	E	022	002	R		2	1 0223253	02	2.2K OHM 5PC 1/2W	LOAD
	012.0							1			
	013.0	E	020	009	D	A	2	1 0223292	R4	1N662	INPUT
	014.0	E	020	008	D	A	2	1 0223292	R5	1N662	INPUT
	015.0	E	020	010	D	A	2	1 0223292	R6	1N662	INPUT
	016.0	E	019	007	R			0804037		330 OHM 5PC 1/2W	
	017.0	E	019	006	R			0223328		33K OHM 5PC 1/2W	BIAS
	018.0	E	019	005	C			0804071		22 PF 10PC 300V MICA	SPEED UP
	019.0	E	020	004	R			1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0	E	020	003	D	A	2	1 0223292		1N662	CLAMP
	021.0	E	020	002	Q	B	1	1 0804111		2N2635	
	022.0							1			
	023.0	E	020	001	R		2	0804041		1.5K OHM 5PC 1/2W	LOAD
	024.0	E	019	002	Q	B		0804008		2N1304	
	025.0	E	019	002	R			1 0223253	01	2.2K OHM 5PC 1/2W	LOAD
	026.0							1			
AA	1331.000.0	E	022	011	R		2	0223401	11	4.7K OHM 5PC 1/2W	
	001.0	E	021	011	R				01		
	002.0	E	021	012	C			0804076		100 PF 10PC 300V MICA	
	003.0	E	022	012	C				12		
AA	1332.000.0	E	020	016	R		2	1 0223326	11	15K OHM 5PC 1/2W	
	001.0	E	019	015	C			0804076	12	100 PF 10PC 300V MICA	
	002.0	E	020	015	C			1	01		
AB	1333.000.0	E	021	016	C			0804079		330 PF 10PC 300V MICA	
	000.1	E	022	016	C				12		
	001.0	E	022	015	R		2	1 0804048	11	68K OHM 5PC 1/2W	FROM P 6 F
	002.0	E	021	015	R			1	01		
AA	1334.000.0	E	019	014	R			1 0223401	11	4.7K OHM 5PC 1/2W	
	001.0	E	020	014	R			1	01		
	002.0	E	019	012	C			0804076	12	100 PF 10PC 300V MICA	
	003.0							1			
AA	1335.000.0	E	022	013	R		2	1 0223326	11	15K OHM 5PC 1/2W	
	001.0	E	021	013	R			1	01		
	002.0	E	021	014	C			1 0804076		100 PF 10PC 300V MICA	
	003.0	E	022	014	C				12		
AA	1336.000.0	E	019	011	R			1 0223326	11	15K OHM 5PC 1/2W	
	001.0	E	020	011	R			1	01		
	002.0	E	019	013	C			0804076	12	100 PF 10PC 300V MICA	
	003.0							1			
AB	1340.000.0	E	025	010	D	A		0223292	S1	1N662	INPUT
	001.0	E	025	009	D	A		1 0223292	S2	1N662	INPUT
	002.0	E	025	008	D	A		1 0223292	S3	1N662	INPUT

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0	E	025	007	R			0804037		330 OHM 5PC 1/2W	
	004.0	E	025	006	R			0223328		33K OHM 5PC 1/2W	
	005.0	E	025	005	C		1	0804071		22 PF 10PC 300V MICA	BIAS
	006.0	E	025	004	R			0223353		8.2K OHM 5PC 1/2W	SPEED UP
	007.0	E	026	003	D	A	2	0223292		1N662	COUPLING
	008.0	E	026	002	Q	B	1	0804111		2N2635	CLAMP
	009.0	E	025	001	R			0804041		1.5K OHM 5PC 1/2W	
	010.0	E	025	002	Q	B		0804008		2N1304	LOAD
	011.0	E	026	002	R		2	0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	012.0	E	024	009	D	A	2	0223292	R4	1N662	INPUT
	013.0	E	024	008	D	A	2	0223292	R5	1N662	INPUT
	014.0	E	024	010	D	A	2	0223292	R6	1N662	INPUT
	015.0	E	023	007	R			0804037		330 OHM 5PC 1/2W	
	016.0	E	023	006	R			0223328		33K OHM 5PC 1/2W	
	017.0	E	023	005	C			0804071		22 PF 10PC 300V MICA	BIAS
	018.0	E	024	004	R		2	0223353		8.2K OHM 5PC 1/2W	COUPLING
	019.0	E	024	003	D	A	2	0223292		1N662	CLAMP
	020.0	E	024	002	Q	B	1	0804111		2N2635	
	021.0					C					
	022.0	E	024	001	R		2	0804041		1.5K OHM 5PC 1/2W	LOAD
	023.0										
	024.0	E	023	002	Q	B		0804008		2N1304	
	025.0					E					
	026.0	E	023	002	R			0223253	O1	2.2K OHM 5PC 1/2W	LOAD
AA	1341.000.0	E	026	011	R		2	0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	E	025	011	R				O1		
	002.0	E	025	012	C			0804076		100 PF 10PC 300V MICA	
	003.0	E	026	012	C				I2		
AA	1342.000.0	E	024	016	R		2	0223326	I1	15K OHM 5PC 1/2W	
	001.0	E	023	015	C			0804076	I2	100 PF 10PC 300V MICA	
	002.0	E	024	015	C		1		O1		
AA	1343.000.0	E	025	016	C			0804079		330 PF 10PC 300V MICA	
	001.0	E	026	016	C				I2		
	002.0	E	026	015	R		2	0804048	I1	68K OHM 5PC 1/2W	FROM P6 R
	003.0	E	025	015	R		1		O1		
AA	1344.000.0	E	023	014	R			0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	E	024	014	R				O1		
	002.0	E	023	012	C			0804076	I2	100 PF 10PC 300V MICA	
	003.0						1				
AA	1345.000.0	E	026	013	R		2	0223326	I1	15K OHM 5PC 1/2W	
	001.0	E	025	013	R				O1		
	002.0	E	025	014	C			0804076		100 PF 10PC 300V MICA	
	003.0	E	026	014	C				I2		
AA	1346.000.0	E	023	011	R			0223326	I1	15K OHM 5PC 1/2W	
	001.0	E	024	011	R				O1		
	002.0	E	023	013	C			0804076	I2	100 PF 10PC 300V MICA	
	003.0						1				
AB	1350.000.0	F	019	011	D	A		0223292	S1	1N662	INPUT
	001.0	F	019	012	D	A		0223292	S2	1N662	INPUT
	002.0	F	019	013	R		1	0804037		330 OHM 5PC 1/2W	
	003.0	F	019	014	R			0223328		33K OHM 5PC 1/2W	BIAS
	004.0	F	020	015	C		2	0804072		47 PF 10PC 300V MICA	SPEED UP
	005.0	F	020	016	R		2	0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	F	018	017	D	A	2	0223292		1N662	CLAMP
	007.0	F	018	017	Q	B	3	0804111		2N2635	
	008.0	F	017	018	R			0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	009.0	F	018	011	D	A	2	0223292	R3	1N662	INPUT
	010.0	F	018	012	D	A	2	0223292	R4	1N662	INPUT
	011.0	F	017	013	R			0804037		330 OHM 5PC 1/2W	
	012.0	F	017	014	R		1	0223328		33K OHM 5PC 1/2W	BIAS

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF=LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	013.0	F 018 015	C	2				0804072		47 PF 10PC 300V MICA	SPEFD UP
	014.0	F 017 016	R					0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	015.0								1		
	016.0	F 019 017	D	A				0223292	1	1N662	CLAMP
	017.0	F 019 017	Q	B				0804111	1	2N2635	
	018.0	F 020 018	R	2				0804041	01	1.5K OHM 5PC 1/2W	LOAD
AA	1351.000	E 069 003						FH0000000	3 1	FEED THROUGH HOLE	
	001.0	F 165 003						FH0000000	3 1	FEED THROUGH HOLE	
	002.0	F 020 009	R	2				0223326	1	11 15K OHM 5PC 1/2W	
	003.0	F 020 010	C	2				0804076	2	12 100 PF 10PC 300V MICA	
	004.0	F 019 010	C						01		
AB	1352.000	F 020 007	R	2				0223326	11	15K OHM 5PC 1/2W	
	001.0	F 172 015	S	3	1	1		0803214		TEST POINT	DTOB
	002.0								1		
	003.0	F 020 008	C	2				0804076	12	100 PF 10PC 300V MICA	
	004.0	F 019 008	C						01		
AB	1353.000	E 081 003						FH0000000	3 1	FEED THROUGH HOLE	
	001.0	F 153 003						FH0000000	3 1	FEED THROUGH HOLE	
	002.0	F 017 009	R					0223326	1	11 15K OHM 5PC 1/2W	
	003.0	F 018 010	C	2				0804076	01	100 PF 10PC 300V MICA	
	004.0	F 017 010	C						12		
AA	1354.000	E 087 003						FH0000000	3 1	FEED THROUGH HOLE	
	001.0	F 147 003						FH0000000	3 1	FEED THROUGH HOLE	
	002.0	F 017 007	R					0223326	1	11 15K OHM 5PC 1/2W	
	003.0	F 018 008	C	2				0804076	01	100 PF 10PC 300V MICA	
	004.0	F 017 008	C						12		
AB	1360.000	F 015 011	D	A				0223292	S1	1N662	INPUT
	001.0	F 015 012	D	A				0223292	S2	1N662	INPUT
	002.0	F 015 013	R					0804037		330 OHM 5PC 1/2W	
	003.0	F 015 014	R					0223328		33K OHM 5PC 1/2W	BIAS
	004.0	F 016 015	C	2				0804072		47 PF 10PC 300V MICA	SPEED UP
	005.0	F 016 016	R	2				0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	006.0	F 014 017	D	A	2	1		0223292		1N662	CLAMP
	007.0	F 014 017	Q	B	3	1		0804111		2N2635	
	008.0	F 013 018	R					0804041	02	1.5K OHM 5PC 1/2W	LOAD
	009.0	F 014 011	D	A	2			0223292	R3	1N662	INPUT
	010.0	F 014 012	D	A	2	1		0223292	R4	1N662	INPUT
	011.0	F 013 013	R					0804037		330 OHM 5PC 1/2W	
	012.0	F 013 014	R					0223328		33K OHM 5PC 1/2W	BIAS
	013.0	F 014 015	C	2				0804072		47 PF 10PC 300V MICA	SPEED UP
	014.0	F 013 016	R					0223353	1	8.2K OHM 5PC 1/2W	COUPLING
	015.0								1		
	016.0	F 015 017	D	A				0223292	1	1N662	CLAMP
	017.0	F 015 017	Q	B				0804111	1	2N2635	
	018.0	F 016 018	R	2				0804041	01	1.5K OHM 5PC 1/2W	LOAD
AA	1361.000	E 108 003						FH0000000	3 1	FEED THROUGH HOLE	
	001.0	F 126 003						FH0000000	3 1	FEED THROUGH HOLE	
	002.0	F 016 009	R	2				0223326	1	11 15K OHM 5PC 1/2W	
	003.0	F 016 010	C	2				0804076	2	12 100 PF 10PC 300V MICA	
	004.0	F 015 010	C						01		
AB	1362.000	E 093 003						FH0000000	3 1	FEED THROUGH HOLE	
	001.0	F 141 003						FH0000000	3 1	FEED THROUGH HOLE	
	002.0	F 016 007	R	2				0223326	1	11 15K OHM 5PC 1/2W	
	003.0	F 016 008	C	2				0804076	2	12 100 PF 10PC 300V MICA	
	004.0	F 015 008	C						01		
AB	1363.000	E 114 003						FH0000000	3 1	FEED THROUGH HOLE	
	001.0	F 120 003						FH0000000	3 1	FEED THROUGH HOLE	
	002.0	F 013 009	R					0223326	1	11 15K OHM 5PC 1/2W	
	003.0	F 014 010	C	2				0804076	01	100 PF 10PC 300V MICA	

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
		004.0	F 013 010	C						12		
AB 1364.		000.0	E 120 003		3	1			FH0000000		FEED THROUGH HOLE	
		001.0	F 114 003		3	1			FH0000000		FEED THROUGH HOLE	
		002.0	F 013 007	R				1	0223326	I1	15K OHM 5PC 1/2W	
		003.0	F 014 008	C	2			1	0804076	O1	100 PF 10PC 300V MICA	
		004.0	F 013 008	C						I2		
AB 1370.		000.0	F 011 011	D	A				0223292	S1	1N662	INPUT
		001.0	F 011 012	D	A		1		0223292	S2	1N662	INPUT
		002.0	F 011 013	R					0804037		330 OHM 5PC 1/2W	
		003.0	F 011 014	R					0223328		33K OHM 5PC 1/2W	BIAS
		004.0	F 012 015	C	2				0804072		47 PF 10PC 300V MICA	SPEED UP
		005.0	F 012 016	R	2		1		0223353		8.2K OHM 5PC 1/2W	COUPLING
		006.0	F 010 017	D	A	2		1	0223292		1N662	CLAMP
		007.0	F 010 017	Q	B	3		1	0804111		2N2635	
		008.0	F 009 018	R			1		0804041	O2	1.5K OHM 5PC 1/2W	LOAD
		009.0	F 010 011	D	A	2			0223292	R3	1N662	INPUT
		010.0	F 010 012	D	A	2		1	0223292	R4	1N662	INPUT
		011.0	F 009 013	R					0804037		330 OHM 5PC 1/2W	
		012.0	F 009 014	R					0223328		33K OHM 5PC 1/2W	BIAS
		013.0	F 010 015	C	2				0804072		47 PF 10PC 300V MICA	SPEED UP
		014.0	F 009 016	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
		015.0					1					
		016.0	F 011 017	D	A		1		0223292		1N662	CLAMP
		017.0	F 011 017	Q	B		1		0804111		2N2635	
		018.0	F 012 018	R	2		1		0804041	O1	1.5K OHM 5PC 1/2W	LOAD
AA 1371.		000.0	E 138 003		3	1			FH0000000		FEED THROUGH HOLE	
		001.0	F 096 003		3	1			FH0000000		FEED THROUGH HOLE	
		002.0	F 012 009	R	2		1		0223326	I1	15K OHM 5PC 1/2W	
		003.0	F 012 010	C	2				0804076	I2	100 PF 10PC 300V MICA	
		004.0	F 011 010	C						O1		
AA 1372.		000.0	E 123 003		3	1			FH0000000		FEED THROUGH HOLE	
		001.0	F 111 003		3	1			FH0000000		FEED THROUGH HOLE	
		002.0	F 012 007	R	2		1		0223326	I1	15K OHM 5PC 1/2W	
		003.0	F 012 008	C	2				0804076	I2	100 PF 10PC 300V MICA	
		004.0	F 011 008	C			1			O1		
AA 1373.		000.0	E 150 003		3	1			FH0000000		FEED THROUGH HOLE	
		001.0	F 084 003		3	1			FH0000000		FEED THROUGH HOLE	
		002.0	F 009 009	R			1		0223326	I1	15K OHM 5PC 1/2W	
		003.0	F 010 010	C	2				0804076	O1	100 PF 10PC 300V MICA	
		004.0	F 009 010	C						I2		
AA 1374.		000.0	E 156 003		3	1			FH0000000		FEED THROUGH HOLE	
		001.0	F 078 003		3	1			FH0000000		FEED THROUGH HOLE	
		002.0	F 009 007	R			1		0223326	I1	15K OHM 5PC 1/2W	
		003.0	F 010 008	C	2		1		0804076	O1	100 PF 10PC 300V MICA	
		004.0	F 009 008	C						I2		
AB 1380.		001.0	F 007 011	D	A				0223292	S1	1N662	INPUT
		002.0	F 007 012	D	A		1		0223292	S2	1N662	INPUT
		003.0	F 007 013	R					0804037		330 OHM 5PC 1/2W	
		004.0	F 007 014	R					0223328		33K OHM 5PC 1/2W	BIAS
		005.0	F 008 015	C	2				0804072		47 PF 10PC 300V MICA	SPEED UP
		006.0					1					
		007.0	F 007 016	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
		008.0					1					
		009.0	F 006 017	D	A	2			0223292		1N662	CLAMP
		010.0	F 006 017	Q	B	3		1	0804111		2N2635	
		011.0	F 005 018	R			1		0804041	O2	1.5K OHM 5PC 1/2W	LOAD
		012.0	F 006 011	D	A	2			0223292	R3	1N662	INPUT
		013.0					1					
		014.0	F 006 012	D	A	2		1	0223292	R4	1N662	
		015.0	F 006 006	D	A	2		1	0223292	R5	1N662	INPUT

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV	REF=LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN	PART	REMARKS
LTR	INSERT								OUT	DESCRIPTION	
		016.0						C	1		
		017.0	F	005	013	R		0804037		330 OHM 5PC 1/2W	
		018.0	F	005	014	R		0223328		33K OHM 5PC 1/2W	BIAS
		019.0	F	006	015	C	2	0804072		47 PF 10PC 300V MICA	SPEED UP
		020.0	F	005	016	R		0223353	1	8.2K OHM 5PC 1/2W	COUPLING
		021.0	F	007	017	D		0223292	1	1N662	CLAMP
		022.0	F	007	017	Q		0804111	1	2N2635	
		023.0	F	008	018	R	2	0804041	1	01 1.5K OHM 5PC 1/2W	LOAD
		024.0							1		
AB	1381.	000.0	E	171	003		3	1 FH0000000		FEED THROUGH HOLE	
		001.0	F	063	003		3	1 FH0000000		FEED THROUGH HOLE	
		002.0	F	008	009	R	2	1 0223326	11	15K OHM 5PC 1/2W	
		003.0	F	008	010	C	2	0804076	12	100 PF 10PC 300V MICA	
		004.0	F	007	010	C			01		
AA	1382.	000.0	E	159	003		3	1 FH0000000		FEED THROUGH HOLE	
		001.0	F	075	003		3	1 FH0000000		FEED THROUGH HOLE	
		002.0	F	008	007	R	2	1 0223326	11	15K OHM 5PC 1/2W	
		003.0	F	008	008	C	2	0804076	12	100 PF 10PC 300V MICA	
		004.0	F	007	008	C			01		
AA	1383.	000.0	E	180	003		3	1 FH0000000		FEED THROUGH HOLE	
		001.0	F	054	003		3	1 FH0000000		FEED THROUGH HOLE	
		002.0	F	005	009	R		0223326	11	15K OHM 5PC 1/2W	
		003.0	F	006	010	C	2	0804076	01	100 PF 10PC 300V MICA	
		004.0	F	005	010	C			12		
AA	1384.	000.0	E	183	003		3	1 FH0000000		FEED THROUGH HOLE	
		001.0	F	051	003		3	1 FH0000000		FEED THROUGH HOLE	
		002.0	F	005	007	R		0223326	11	15K OHM 5PC 1/2W	
		003.0	F	006	008	C	2	0804076	01	100 PF 10PC 300V MICA	
		004.0	F	005	008	C			12		
AA	1385.	000.0	F	006	005	C	2	1 0804077	01	150 PF 10PC 300V MICA	
		001.0	F	005	005	C			11		
		002.0	E	177	003		3	1 FH0000000		FEED THROUGH HOLE	FROM P6 H
		003.0	F	057	003		3	1 FH0000000		FEED THROUGH HOLE	
		004.0	F	007	006	R		0223328	12	33K OHM 5PC 1/2W	
AB	1390.	000.0	F	003	011	D		0223292	S1	1N662	INPUT
		001.0	F	003	012	D		0223292	S2	1N662	INPUT
		002.0	F	003	013	R		0804037		330 OHM 5PC 1/2W	
		003.0	F	003	014	R		0223328		33K OHM 5PC 1/2W	BIAS
		004.0	F	004	015	C	2	0804072		47 PF 10PC 300V MICA	SPEED UP
		005.0	F	004	016	R		0223353		8.2K OHM 5PC 1/2W	COUPLING
		006.0	F	002	017	D	A	2	1 0223292	1N662	CLAMP
		007.0	F	002	017	Q	B	3	1 0804111	2N2635	
		008.0	F	001	018	R		0804041	02	1.5K OHM 5PC 1/2W	LOAD
		009.0	F	002	011	D	A	2	0223292	R3 1N662	INPUT
		010.0	F	002	012	D	A	2	1 0223292	R4 1N662	INPUT
		011.0	F	002	006	D	A	2	0223292	R5 1N662	INPUT
		012.0	F	001	013	R		0804037		330 OHM 5PC 1/2W	
		013.0	F	001	014	R		0223328		33K OHM 5PC 1/2W	BIAS
		014.0	F	002	015	C	2	0804072		47 PF 10PC 300V MICA	SPEED UP
		015.0	F	001	016	R		0223353		8.2K OHM 5PC 1/2W	COUPLING
		016.0							1		
		017.0	F	003	017	D	A	1	0223292	1N662	CLAMP
		018.0	F	003	017	Q	B	1	0804111	2N2635	
		019.0	F	004	018	R	2	1 0804041	01	1.5K OHM 5PC 1/2W	LOAD
AA	1391.	000.0	E	204	003		3	1 FH0000000		FEED THROUGH HOLE	
		001.0	F	030	003		3	1 FH0000000		FEED THROUGH HOLE	
		002.0	F	004	009	R	2	1 0223326	11	15K OHM 5PC 1/2W	
		003.0	F	004	010	C	2	0804076	12	100 PF 10PC 300V MICA	
		004.0	F	003	010	C			01		
AA	1392.	000.0	E	186	003		3	1 FH0000000		FEED THROUGH HOLE	

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	001.0	F 048	003					3 1 FH0000000		FEED THROUGH HOLE	
	002.0	F 004	007 R	2				1 0223326	11	15K OHM 5PC 1/2W	
	003.0	F 004	008 C	2				1 0804076	12	100 PF 10PC 300V MICA	
	004.0	F 003	008 C					1	01		
AA	1393.000.0	E 216	003					3 1 FH0000000		FEED THROUGH HOLE	
	001.0	F 018	003					3 1 FH0000000		FEED THROUGH HOLE	
	002.0	F 001	009 R					1 0223326	11	15K OHM 5PC 1/2W	
	003.0	F 002	010 C	2				1 0804076	01	100 PF 10PC 300V MICA	
	004.0	F 001	010 C						12		
AA	1394.000.0	F 001	007 R					1 0223326	11	15K OHM 5PC 1/2W	
	001.0	F 002	008 C	2				1 0804076	01	100 PF 10PC 300V MICA	
	002.0	F 001	008 C						12		
AA	1395.000.0	F 002	005 C	2				0804077		150 PF 10PC 300V MICA	
	001.0	F 001	005 C						11		
	002.0	F 004	006 R	2				0223328	12	33K OHM 5PC 1/2W	
	003.0	F 003	006 R						01		
AB	1400.000.0	F 019	024 D	A				1 0223292	S1	1N662	INPUT
	001.0			C				1			
	002.0	F 019	023 D	A				1 0223292	S2	1N662	INPUT
	003.0	F 019	027 D	A				1 0223292	S3	1N662	INPUT
	004.0			C				1			
	005.0	F 019	028 R					0804037		330 OHM 5PC 1/2W	
	006.0	F 019	029 R					0223328		33K OHM 5PC 1/2W	BIAS
	007.0	F 020	030 C	2				0804071		22 PF 10PC 300V MICA	SPEED UP
	008.0	F 020	031 R	2	1			0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	F 018	032 D	A	2	1		0223292		1N662	CLAMP
	010.0	F 018	032 Q	B	3	1		0804111		2N2635	
	011.0	F 017	033 R					1 0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	012.0	F 018	024 D	A	2	1		0223292	R4	1N662	INPUT
	013.0			C				1			
	014.0	F 018	023 D	A	2			0223292	R5	1N662	INPUT
	015.0	F 018	027 D	A	2	1		0223292	R6	1N662	INPUT
	016.0			C				1			
	017.0	F 017	028 R					0804037		330 OHM 5PC 1/2W	
	018.0	F 017	029 R					1 0223328		33K OHM 5PC 1/2W	BIAS
	019.0	F 018	030 C	2				0804071		22 PF 10PC 300V MICA	SPEED UP
	020.0	F 017	031 R					1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	021.0							1			
	022.0	F 019	032 D	A				1 0223292		1N662	CLAMP
	023.0	F 019	032 Q	B				1 0804111		2N2635	
	024.0	F 020	033 R	2	1			0804041	O1	1.5K OHM 5PC 1/2W	LOAD
AA	1401.000.0	F 020	019 R	2				1 0223326	11	15K OHM 5PC 1/2W	
	001.0	F 020	020 C	2				1 0804076	12	100 PF 10PC 300V MICA	
	002.0	F 019	020 C					1	01		
AA	1402.000.0	F 020	021 R	2				1 0223326	11	15K OHM 5PC 1/2W	
	001.0	F 020	022 C	2				1 0804076	12	100 PF 10PC 300V MICA	
	002.0	F 019	022 C						01		
AA	1403.000.0	F 164	015 S	3	1	1		0803214		TEST POINT	ADVC
	001.0							1			
	002.0	F 018	025 C	2				1 0804076	01	100 PF 10PC 300V MICA	
	003.0	F 017	025 C					1	12		
	004.0	F 020	025 R	2				1 0223401	11	4.7K OHM 5PC 1/2W	
AA	1404.000.0	F 017	019 R					1 0223326	11	15K OHM 5PC 1/2W	
	001.0	F 018	020 C	2				1 0804076	01	100 PF 10PC 300V MICA	
	002.0	F 017	020 C						12		
AA	1405.000.0	F 017	021 R					1 0223326	11	15K OHM 5PC 1/2W	
	001.0	F 018	022 C	2				1 0804076	01	100 PF 10PC 300V MICA	
	002.0	F 017	022 C						12		

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AB	1406.000.0	F 020 026	R	2	1			0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	F 018 026	C	2	1			0804076	O1	100 PF 10PC 300V MICA	
	002.0	F 017 026	C		1				I2		
AB	1410.000.0	F 015 024	D	A	1			0223292	S1	1N662	INPUT
	001.0			C	1						
	002.0	F 015 023	D	A				0223292	S2	1N662	INPUT
	003.0	F 015 027	D	A	1			0223292	S3	1N662	INPUT
	004.0			C	1						
	005.0	F 015 028	R					0804037		330 OHM 5PC 1/2W	
	006.0	F 016 029	R	2	1			0223328		33K OHM 5PC 1/2W	BIAS
	007.0	F 016 030	C	2				0804071		22 PF 10PC 300V MICA	SPEED UP
	008.0	F 016 031	R	2	1			0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	F 014 032	D	A	2	1		0223292		1N662	CLAMP
	010.0	F 014 032	Q	B	3	1		0804111		2N2635	
	011.0	F 013 033	R		1			0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	012.0	F 014 024	D	A	2	1		0223292	R4	1N662	INPUT
	013.0			C	1						
	014.0	F 014 023	D	A	2			0223292	R5	1N662	INPUT
	015.0	F 014 027	D	A	2			0223292	R6	1N662	INPUT
	016.0			C	1						
	017.0	F 013 028	R					0804037		330 OHM 5PC 1/2W	
	018.0	F 013 029	R					0223328		33K OHM 5PC 1/2W	BIAS
	019.0	F 014 030	C	2				0804071		22 PF 10PC 300V MICA	SPEED UP
	020.0	F 013 031	R		1			0223353		8.2K OHM 5PC 1/2W	COUPLING
	021.0				1						
	022.0	F 015 032	D	A	1			0223292		1N662	CLAMP
	023.0	F 015 032	Q	B	1			0804111		2N2635	
	024.0	F 016 033	R	2	1			0804041	O1	1.5K OHM 5PC 1/2W	LOAD
AA	1411.000.0	F 016 019	R	2	1			0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 016 020	C	2				0804076	I2	100 PF 10PC 300V MICA	
	002.0	F 015 020	C		1				O1		
AA	1412.000.0	F 016 021	R	2	1			0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 016 022	C	2				0804076	I2	100 PF 10PC 300V MICA	
	002.0	F 015 022	C						O1		
AA	1413.000.0	F 016 025	R	2	1			0223401	I1	4.7K OHM 5PC 1/2W	
	000.1	F 015 025	R		1				O1		
	002.0	F 014 025	C	2				0804076		100 PF 10PC 300V MICA	
	003.0	F 013 025	C						I2		
AA	1414.000.0	F 013 019	R		1			0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 014 020	C	2	1			0804076	O1	100 PF 10PC 300V MICA	
	002.0	F 013 020	C						I2		
AA	1415.000.0	F 013 021	R		1			0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 014 022	C	2				0804076	O1	100 PF 10PC 300V MICA	
	002.0	F 013 022	C						I2		
AA	1416.000.0	F 016 026	R	2				0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	F 014 026	C	2				0804076	O1	100 PF 10PC 300V MICA	
	002.0	F 013 026	C						I2		
AB	1420.000.0	F 011 024	D	A	1			0223292	S1	1N662	INPUT
	001.0			C	1						
	002.0	F 011 023	D	A				0223292	S2	1N662	INPUT
	003.0	F 011 027	D	A	1			0223292	S3	1N662	INPUT
	004.0			C	1						
	005.0	F 011 028	R					0804037		330 OHM 5PC 1/2W	
	006.0	F 011 029	R					0223328		33K OHM 5PC 1/2W	BIAS
	007.0	F 012 030	C	2				0804071		22 PF 10PC 300V MICA	SPEED UP
	008.0	F 012 031	R	2	1			0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	F 010 032	D	A	2	1		0223292		1N662	CLAMP
	010.0	F 010 032	Q	B	3	1		0804111		2N2635	
	011.0	F 009 033	R		1			0804041	O2	1.5K OHM 5PC 1/2W	LOAD

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	012.0	F 010 024	D	A	2	1		0223292	R4	1N662	INPUT
	013.0			C		1					
	014.0	F 010 023	D	A	2			0223292	R5	1N662	INPUT
	015.0	F 010 027	D	A	2			0223292	R6	1N662	INPUT
	016.0			C		1					
	017.0	F 009 028	R					0804037		330 OHM 5PC 1/2W	
	018.0	F 009 029	R			1		0223328		33K OHM 5PC 1/2W	BIAS
	019.0	F 010 030	C		2			0804071		22 PF 10PC 300V MICA	SPEED UP
	020.0	F 009 031	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	021.0					1					
	022.0	F 011 032	D	A	1			0223292		1N662	CLAMP
	023.0	F 011 032	Q	B	1			0804111		2N2635	
	024.0	F 012 033	R		2	1		0804041	O1	1.5K OHM 5PC 1/2W	LOAD
AB 1421.	000.0	F 012 019	R		2	1		0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 012 020	C		2			0804076	I2	100 PF 10PC 300V MICA	
	002.0	F 011 020	C			1			O1		
AA 1422.	000.0	F 012 021	R		2	1		0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 012 022	C		2			0804076	I2	100 PF 10PC 300V MICA	
	002.0	F 011 022	C						O1		
AA 1423.	000.0	F 012 025	R		2	1		0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	F 011 025	R			1			O1		
	002.0	F 010 025	C		2			0804076		100 PF 10PC 300V MICA	
	003.0	F 009 025	C						I2		
AA 1424.	000.0	F 009 019	R			1		0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 010 020	C		2	1		0804076	O1	100 PF 10PC 300V MICA	
	002.0	F 009 020	C						I2		
AA 1425.	000.0	F 009 021	R			1		0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 010 022	C		2			0804076	O1	100 PF 10PC 300V MICA	
	002.0	F 009 022	C						I2		
AA 1426.	000.0	F 012 026	R		2	1		0223401	I1	4.7K OHM 5PC 1/2W	
	001.0	F 010 026	C		2			0804076	O1	100 PF 10PC 300V MICA	
	002.0	F 009 026	C						I2		
AB 1430.	000.0	F 007 024	D	A		1		0223292	S1	1N662	INPUT
	001.0			C		1					
	002.0	F 007 023	D	A				0223292	S2	1N662	INPUT
	003.0	F 007 027	D	A		1		0223292	S3	1N662	INPUT
	004.0			C		1					
	005.0	F 007 028	R					0804037		330 OHM 5PC 1/2W	
	006.0	F 008 029	R		2	1		0223328		33K OHM 5PC 1/2W	BIAS
	007.0	F 008 030	C		2			0804071		22 PF 10PC 300V MICA	SPEED UP
	008.0	F 008 031	R		2	1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	009.0	F 006 032	D	A	2	1		0223292		1N662	CLAMP
	010.0	F 006 032	Q	B	3	1		0804111		2N2635	
	011.0	F 005 033	R			1		0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	012.0	F 006 024	D	A	2	1		0223292	R4	1N662	INPUT
	013.0			C		1					
	014.0	F 006 023	D	A	2			0223292	R5	1N662	INPUT
	015.0	F 006 027	D	A	2			0223292	R6	1N662	INPUT
	016.0			C		1					
	017.0	F 005 028	R					0804037		330 OHM 5PC 1/2W	
	018.0	F 005 029	R			1		0223328		33K OHM 5PC 1/2W	BIAS
	019.0	F 006 030	C		2			0804071		22 PF 10PC 300V MICA	SPEED UP
	020.0	F 005 031	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	021.0					1					
	022.0	F 007 032	D	A	1			0223292		1N662	CLAMP
	023.0	F 007 032	Q	B	1			0804111		2N2635	
	024.0	F 008 033	R		2	1		0804041	O1	1.5K OHM 5PC 1/2W	LOAD
AA 1431.	000.0	F 008 019	R		2	1		0223326	I1	15K OHM 5PC 1/2W	
	001.0	F 008 020	C		2			0804076	I2	100 PF 10PC 300V MICA	

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS	
	002.0	F	007	020	C			1	01			
AA	1432.000.0	F	008	021	R	2	1	0223326	11	15K OHM 5PC 1/2W		
	001.0	F	008	022	C	2		0804076	12	100 PF 10PC 300V MICA		
	002.0	F	007	022	C				01			
AA	1433.000.0	F	008	025	R	2	1	0223401	11	4.7K OHM 5PC 1/2W		
	001.0	F	007	025	R			1	01			
	002.0	F	006	025	C	2		0804076		100 PF 10PC 300V MICA		
	003.0	F	005	025	C				12			
AA	1434.000.0	F	005	019	R			1	0223326	11	15K OHM 5PC 1/2W	
	001.0	F	006	020	C	2	1	0804076	01	100 PF 10PC 300V MICA		
	002.0	F	005	020	C				12			
AA	1435.000.0	F	005	021	R			1	0223326	11	15K OHM 5PC 1/2W	
	001.0	F	006	022	C	2		0804076	01	100 PF 10PC 300V MICA		
	002.0	F	005	022	C				12			
AA	1436.000.0	F	008	026	R	2		0223401	11	4.7K OHM 5PC 1/2W		
	001.0	F	006	026	C	2		0804076	01	100 PF 10PC 300V MICA		
	002.0	F	005	026	C				12			
AB	1440.000.0	F	003	024	D	A		1	0223292	S1	1N662	INPUT
	001.0					C		1				
	002.0	F	003	023	D	A		1	0223292	S2	1N662	INPUT
	003.0	F	003	027	D	A		1	0223292	S3	1N662	INPUT
	004.0					C		1				
	005.0	F	003	028	R			0804037		330 OHM 5PC 1/2W		
	006.0	F	003	029	R			0223328		33K OHM 5PC 1/2W	BIAS	
	007.0	F	004	030	C	2		0804071		22 PF 10PC 300V MICA	SPEED UP	
	008.0	F	004	031	R	2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING	
	009.0	F	002	032	D	A	2	1	0223292		1N662	CLAMP
	010.0	F	002	032	Q	B	3	1	0804111		2N2635	
	011.0	F	001	033	R			0804041	02	1.5K OHM 5PC 1/2W	LOAD	
	012.0	F	002	024	D	A	2	1	0223292	R4	1N662	INPUT
	013.0					C		1				
	014.0	F	002	023	D	A	2	1	0223292	R5	1N662	INPUT
	015.0	F	002	027	D	A	2	1	0223292	R6	1N662	INPUT
	016.0					C		1				
	017.0	F	001	028	R			0804037		330 OHM 5PC 1/2W		
	018.0	F	001	029	R			0223328		33K OHM 5PC 1/2W	BIAS	
	019.0	F	002	030	C	2		0804071		22 PF 10PC 300V MICA	SPEED UP	
	020.0	F	002	031	R	2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING	
	021.0	F	003	032	D	A	1	1	0223292		1N662	CLAMP
	022.0	F	003	032	Q	B	1	1	0804111		2N2635	
	023.0	F	004	033	R	2	1	0804041	01	1.5K OHM 5PC 1/2W	LOAD	
	024.0							1				
AA	1441.000.0	F	004	019	R	2	1	0223326	11	15K OHM 5PC 1/2W		
	001.0	F	004	020	C	2		0804076	12	100 PF 10PC 300V MICA		
	002.0	F	003	020	C				01			
AA	1442.000.0	F	004	021	R	2	1	0223326	11	15K OHM 5PC 1/2W		
	001.0	F	004	022	C	2		0804076	12	100 PF 10PC 300V MICA		
	002.0	F	003	022	C				01			
AA	1443.000.0	F	004	025	R	2	1	0223401	11	4.7K OHM 5PC 1/2W		
	001.0	F	003	025	R			1	01			
	002.0	F	002	025	C	2		0804076		100 PF 10PC 300V MICA		
	003.0	F	001	025	C				12			
AA	1444.000.0	F	001	019	R			1	0223326	11	15K OHM 5PC 1/2W	
	001.0	F	002	020	C	2	1	0804076	01	100 PF 10PC 300V MICA		
	002.0	F	001	020	C				12			
AA	1445.000.0	F	001	021	R			1	0223326	11	15K OHM 5PC 1/2W	

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS	
	001.0	F 002	022	C			2	0804076	01	100 PF 10PC 300V MICA		
	002.0	F 001	022	C					12			
AA 1446.	000.0	F 004	026	R			2	1	0223401	11	4.7K OHM 5PC 1/2W	
	001.0	F 002	026	C			2		0804076	01	100 PF 10PC 300V MICA	
	002.0	F 001	026	C						12		
AB 1450.	000.0	H 004	029	D	A		2	1	0223292	S1	1N662	INPUT
	001.0	H 003	030	R					0804037		330 OHM 5PC 1/2W	
	002.0	H 003	031	R				1	0223328		33K OHM 5PC 1/2W	BIAS
	003.0	H 004	032	C			2		0804076		100 PF 10PC 300V MICA	SPEED UP
	004.0	H 003	033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	H 003	034	D	A			1	0223292		1N662	CLAMP
	006.0	H 003	034	Q	B			1	0804111		2N2635	
	007.0				C			1				
	008.0	H 004	035	R			2		0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	009.0	H 001	029	D	A				0223292	R2	1N662	INPUT
	010.0	H 001	030	R					0804037		330 OHM 5PC 1/2W	
	011.0	H 001	031	R					0223328		33K OHM 5PC 1/2W	BIAS
	012.0	H 002	032	C			2	1	0804076		100 PF 10PC 300V MICA	SPEED UP
	013.0	H 001	033	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0	H 001	034	D	A			1	0223292		1N662	CLAMP
	015.0	H 001	034	Q	B			1	0804111		2N2635	
	016.0	H 001	035	R					0804041		1.5K OHM 5PC 1/2W	LOAD
	017.0	H 002	034	Q	B		1	1	0804008		2N1304	
	018.0				E			1				
	019.0	H 001	036	R					0223253	O1	2.2K OHM 5PC 1/2W	LOAD
	020.0	H 012	003				3	1	FH0000000		FEED THROUGH HOLE	
	021.0	G 222	003				3	1	FH0000000		FEED THROUGH HOLE	
	022.0	G 223	010	S			2	1	0803214		TEST POINT	HOME TO P4 D
	023.0							1				
	024.0	G 185	127				3	1	FH0000000		FEED THROUGH HOLE	FROM P4 6
	025.0	G 201	003				3	1	FH0000000		FEED THROUGH HOLE	
	026.0	H 033	003				3	1	FH0000000		FEED THROUGH HOLE	
	027.0	H 003	026	D	A			1	0223292	R3	1N662	INPUT
	028.0				C			1				
AA 1451.	000.0	H 003	028	R				1	0223331	11	47K OHM 5PC 1/2W	
	001.0	H 004	028	R						01		
	002.0	H 004	027	C			2		0804078		220 PF 10PC 300V MICA	
	003.0	H 003	027	C						12		
AA 1452.	000.0	H 002	028	R			2	1	0223393	11	12K OHM 5PC 1/2W	
	001.0	H 001	028	R						01		
	002.0	G 219	003				3	1	FH0000000		FEED THROUGH HOLE	FROM P4 E
	003.0	H 015	003				3	1	FH0000000		FEED THROUGH HOLE	
	004.0	H 002	027	C			2	1	0804076	12	100 PF 10PC 300V MICA	
AB 1460.	000.0	H 010	029	D	A		2		0223292	S1	1N662	INPUT
	001.0	H 009	030	R					0804037		330 OHM 5PC 1/2W	
	002.0	H 010	031	R			2		0223328		33K OHM 5PC 1/2W	BIAS
	003.0	H 010	032	C			2		0804076		100 PF 10PC 300V MICA	SPEED UP
	004.0	H 009	033	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	H 009	034	D	A			1	0223292		1N662	CLAMP
	006.0	H 009	034	Q	B			1	0804111		2N2635	
	007.0				C			1				
	008.0	H 009	036	R				1	0804041	O2	1.5K OHM 5PC 1/2W	LOAD
	009.0	H 007	029	D	A				0223292	R2	1N662	INPUT
	010.0	H 007	030	R					0804037		330 OHM 5PC 1/2W	
	011.0	H 007	031	R					0223328		33K OHM 5PC 1/2W	BIAS
	012.0	H 008	032	C			2	1	0804076		100 PF 10PC 300V MICA	SPEED UP
	013.0	H 007	033	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	014.0	H 007	034	D	A			1	0223292		1N662	CLAMP
	015.0				C			1				
	016.0	H 007	034	Q	B			1	0804111		2N2635	
	017.0				C			1				
	018.0	H 007	035	R					0804041	O1	1.5K OHM 5PC 1/2W	

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
AA	1461.000.0	H 010 026	C	2				0804076	11	100 PF 10PC 300V MICA	
	001.0	H 010 027	R	2				0223403	12	6.8K OHM 5PC 1/2W	
	002.0	H 009 027	R						01		
	003.0	H 010 028	D	A	2			0223292		1N662	
	004.0			C							
AB	1462.000.0	H 008 026	C	2				0804076		100 PF 10PC 300V MICA	
	001.0	H 007 026	C						11		
	002.0	H 008 027	R	2				0223403	12	6.8K OHM 5PC 1/2W	
	003.0	H 007 027	R						01		
	004.0	H 008 028	D	A	2			0223292		1N662	
	005.0			C							
AC	1470.000.0	H 014 029	D	A	2			0223292	S1	1N662	INPUT
	001.0	H 013 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	H 013 031	R					0223328		33K OHM 5PC 1/2W	BIAS
	003.0	H 014 032	C	2				0804076		100 PF 10PC 300V MICA	SPEED UP
	004.0	H 013 033	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	H 013 034	D	A	1			0223292		1N662	CLAMP
	006.0	H 013 034	Q	B	1			0804111		2N2635	
	007.0			C							
	008.0	H 014 036	R	2				0804041		1.5K OHM 5PC 1/2W	LOAD
	009.0	H 014 034	Q	B	1			0804008		2N1304	
	010.0			E							
	011.0	H 014 035	R	2				0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	012.0	H 011 029	D	A				0223292	R2	1N662	INPUT
	013.0	H 011 030	R					0804037		330 OHM 5PC 1/2W	
	014.0	H 011 031	R					0223328		33K OHM 5PC 1/2W	BIAS
	015.0	H 012 032	C	2	1			0804076		100 PF 10PC 300V MICA	SPEED UP
	016.0	H 011 033	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0	H 011 034	D	A	1			0223292		1N662	CLAMP
	018.0	H 011 034	Q	B	1			0804111		2N2635	
	019.0			C							
	020.0	H 011 035	R					0804041	O1	1.5K OHM 5PC 1/2W	LOAD
	021.0	H 027 091			3	1		FH0000000		FEED THROUGH HOLE	
	022.0	H 126 106			3	1		FH0000000		FEED THROUGH HOLE	
	023.0	H 014 026	D	A	2	1		0223292	S3	1N662	INPUT
AA	1471.000.0	H 014 028	R	2	1			0223393	11	12K OHM 5PC 1/2W	
	001.0	H 013 028	R						01		
	002.0	H 014 027	D	A	2			0223292		1N662	
	003.0	H 014 025	C	2				0804076		100 PF 10PC 300V MICA	
	004.0	H 013 025	C						12		
AA	1472.000.0	H 012 028	R	2	1			0223393	11	12K OHM 5PC 1/2W	
	001.0	H 011 028	R						01		
	002.0	H 012 027	D	A	2			0223292		1N662	
	003.0			C							
	004.0	H 012 026	C	2				0804076	12	100 PF 10PC 300V MICA	
AC	1480.000.0	H 018 029	D	A	2	1		0223292	S1	1N662	INPUT
	001.0	H 017 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	H 017 031	R					0223328		33K OHM 5PC 1/2W	BIAS
	003.0	H 018 032	C	2				0804076		100 PF 10PC 300V MICA	SPEED UP
	004.0	H 017 033	R					0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	H 017 034	D	A	1			0223292		1N662	CLAMP
	006.0	H 017 034	Q	B	1			0804111		2N2635	
	007.0			C							
	008.0	H 017 036	R					0804041		1.5K OHM 5PC 1/2W	LOAD
	009.0	H 018 034	Q	B	1			0804008		2N1304	
	010.0			E							
	011.0	H 018 035	R	2				0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	012.0	H 015 029	D	A				0223292	R2	1N662	INPUT
	013.0	H 015 030	R					0804037		330 OHM 5PC 1/2W	
	014.0	H 015 031	R					0223328		33K OHM 5PC 1/2W	BIAS
	015.0	H 016 032	C	2	1			0804076		100 PF 10PC 300V MICA	SPEED UP
	016.0	H 015 033	R					0223353		8.2K OHM 5PC 1/2W	COUPLING

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	017.0	H 015 034	D	A				0223292		1N662	CLAMP
	018.0	H 015 034	Q	B				0804111		2N2635	
	019.0			C			1				
	020.0	H 015 035	R				1	0804041	01	1.5K OHM 5PC 1/2W	LOAD
	021.0	H 018 026	D	A	2			0223292	S3	1N662	INPUT
AA	1481.000.0	H 018 025	C	2		1		0804076		100 PF 10PC 300V MICA	
	001.0	H 017 025	C						I2		
	002.0	H 018 028	R	2		1		0223393	I1	12K OHM 5PC 1/2W	
	003.0	H 017 028	R						O1		
	004.0	H 018 027	D	A	2			0223292		1N662	
AB	1482.000.0	H 016 028	R	2		1		0223393	I1	12K OHM 5PC 1/2W	
	001.0	H 015 028							O1		
	002.0	H 016 027	D	A	2			0223292		1N662	
	003.0	H 016 026	C	2				0804076	I2	100 PF 10PC 300V MICA	
AB	1490.000.0	H 022 029	D	A	2			0223292	S1	1N662	INPUT
	001.0	H 021 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	H 021 031	R					0223328		33K OHM 5PC 1/2W	BIAS
	003.0	H 022 032	C	2				0804076		100 PF 10PC 300V MICA	SPEED UP
	004.0	H 021 033	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	H 021 034	D	A		1		0223292		1N662	CLAMP
	006.0	H 021 034	Q	B		1		0804111		2N2635	
	007.0			C		1					
	008.0	H 021 036	R			1		0804041		1.5K OHM 5PC 1/2W	
	009.0	H 022 034	Q	B	1			0804008		2N1304	
	010.0			E		1					
	011.0	H 022 035	R	2				0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	012.0	H 019 029	D	A				0223292	R2	1N662	INPUT
	013.0	H 019 030	R					0804037		330 OHM 5PC 1/2W	
	014.0	H 019 031	R					0223328		33K OHM 5PC 1/2W	BIAS
	015.0	H 020 032	C	2		1		0804076		100 PF 10PC 300V MICA	SPEED UP
	016.0	H 019 033	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0	H 019 034	D	A		1		0223292		1N662	CLAMP
	018.0	H 019 034	Q	B		1		0804111		2N2635	
	019.0			C		1					
	020.0	H 019 035	R					0804041	O1	1.5K OHM 5PC 1/2W	LOAD
AA	1491.000.0	H 022 028	R	2		1		0223393	I1	12K OHM 5PC 1/2W	
	001.0	H 021 028	R						O1		
	002.0	H 022 027	C	2				0804076		100 PF 10PC 300V MICA	
	003.0	H 021 027	C						I2		
AA	1492.000.0	H 020 028	R	2		1		0223393	I1	12K OHM 5PC 1/2W	
	001.0	H 019 028	R						O1		
	002.0	H 020 027	C	2				0804076	I2	100 PF 10PC 300V MICA	
AC	1500.000.0	H 026 029	D	A	2			0223292	S1	1N662	INPUT
	001.0	H 025 030	R					0804037		330 OHM 5PC 1/2W	
	002.0	H 025 031	R					0223328		33K OHM 5PC 1/2W	BIAS
	003.0	H 026 032	C	2				0804076		100 PF 10PC 300V MICA	SPEED UP
	004.0	H 025 033	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	H 025 034	D	A		1		0223292		1N662	CLAMP
	006.0	H 025 034	Q	B		1		0804111		2N2635	
	007.0			C		1					
	008.0	H 026 036	R	2				0804041		1.5K OHM 5PC 1/2W	LOAD
	009.0	H 026 034	Q	B	1			0804008		2N1304	
	010.0			E		1					
	011.0	H 026 035	R	2				0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	012.0					1					
	013.0	H 023 029	D	A				0223292	R2	1N662	INPUT
	014.0	H 023 030	R					0804037		330 OHM 5PC 1/2W	
	015.0	H 023 031	R					0223328		33K OHM 5PC 1/2W	BIAS
	016.0	H 024 032	C	2		1		0804076		100 PF 10PC 300V MICA	SPEED UP
	017.0	H 023 033	R			1		0223353		8.2K OHM 5PC 1/2W	COUPLING
	018.0	H 023 034	D	A		1		0223292		1N662	CLAMP

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	R
	019.0	H	023	034	Q	B	1	0804111		2N2635	
	020.0	H	024	035	R		2	0804041		1.5K OHM 5PC 1/2W	LOAD
	021.0	H	024	034	Q	B	1	0804008		2N1304	
	022.0					E	1				
	023.0	H	024	036	R		2	0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA	1501.000.0	H	026	028	R		2	0223393	11	12K OHM 5PC 1/2W	
	001.0	H	025	028	R				01		
	002.0	H	026	027	C		2	0804076		100 PF 10PC 300V MICA	
	003.0	H	025	027	C				12		
AA	1502.000.0	H	024	028	R		2	0223393	11	12K OHM 5PC 1/2W	
	001.0	H	023	028	R				01		
	002.0	H	024	027	C		2	0804076	12	100 PF 10PC 300V MICA	
AB	1510.000.0	H	026	017	D	A	2	0223292	S1	1N662	INPUT
	001.0	H	025	018	R		1	0223328		33K OHM 5PC 1/2W	BIAS
	002.0	H	026	019	C		2	0804079		330 PF 10PC 300V MICA	SPEED UP
	003.0	H	025	020	R		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	004.0	H	025	020	Q	B	1	0223297		2N1305	
	005.0					C	1				
	006.0	H	026	024	R		2	0804041		1.5K OHM 5PC 1/2W	LOAD
	007.0	H	026	020	Q	B	1	0804008		2N1304	
	008.0					E	1				
	009.0	H	026	023	R		2	0223253	02	2.2K OHM 5PC 1/2W	LOAD
	010.0						1				
	011.0	H	023	017	D	A		0223292	R2	1N662	INPUT
	012.0	H	024	018	R		2	0223328		33K OHM 5PC 1/2W	BIAS
	013.0	H	024	019	C		2	0804079		330 PF 10PC 300V MICA	SPEED UP
	014.0	H	023	020	R		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	015.0						1				
	016.0	H	023	020	Q	B	1	0223297		2N1305	
	017.0	H	023	023	R			0804041		1.5K OHM 5PC 1/2W	LOAD
	018.0	H	024	020	Q	B	1	0804008		2N1304	
	019.0					E	1				
	020.0	H	024	024	R		2	0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA	1511.000.0	H	026	016	R		2	0223393	11	12K OHM 5PC 1/2W	
	001.0	H	025	016	R				01		
	002.0	H	026	015	C		2	0804079	12	330 PF 10PC 300V MICA	
	003.0						1				
AA	1512.000.0	H	024	016	R		2	0223393	11	12K OHM 5PC 1/2W	
	001.0	H	023	016	R				01		
	002.0	H	024	015	C		2	0804079	12	330 PF 10PC 300V MICA	
AB	1520.000.0	H	013	024	C			0804089	S1	.0022 MFD 10PC200V FILM	
	001.0	H	013	023	R			0223331		47K OHM 5PC 1/2W	BIAS
	002.0	H	013	022	R			0223326		15K OHM 5PC 1/2W	BIAS
	003.0	H	019	025	D	A		0223292		1N662	INPUT
	004.0					C	1				
	005.0	H	022	017	D	A	2	0223292	S2	1N662	INPUT
	006.0	H	021	018	R		1	0223328		33K OHM 5PC 1/2W	BIAS
	007.0						1				
	008.0	H	022	019	C		2	0804079		330 PF 10PC 300V MICA	SPEED UP
	009.0	H	021	020	R		1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	010.0	H	021	020	Q	B	1	0223297		2N1305	
	011.0					C	1				
	012.0	H	021	024	R		1	0804041		1.5K OHM 5PC 1/2W	LOAD
	013.0	H	022	020	Q	B	1	0804008		2N1304	
	014.0					E	1				
	015.0	H	022	023	R		2	0223253	02	2.2K OHM 5PC 1/2W	LOAD
	016.0	H	019	017	D	A		0223292	R3	1N662	INPUT
	017.0	H	020	018	R		2	0223328		33K OHM 5PC 1/2W	BIAS
	018.0	H	020	019	C		2	0804079		330 PF 10PC 300V MICA	SPEED UP
	019.0	H	020	020	R		2	0223353		8.2K OHM 5PC 1/2W	COUPLING
	020.0						1				

F R I D E N , I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-INSERT	LINE	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
		021.0	H 019 020	Q	B			1	0223297		2N1305	
		022.0	H 019 023	R					0804041		1.5K OHM 5PC 1/2W	LOAD
		023.0	H 020 020	Q	B	1		1	0804008		2N1304	
		024.0			E							
		025.0	H 020 024	R		2		1	0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA	1522.	000.0	H 022 016	R		2		1	0223393	11	12K OHM 5PC 1/2W	
		001.0	H 021 016	R						01		
		002.0	H 022 015	C		2			0804079	12	330 PF 10PC 300V MICA	
		003.0						1				
AA	1523.	000.0	H 020 016	R		2		1	0223393	11	12K OHM 5PC 1/2W	
		001.0	H 019 016	R						01		
		002.0	H 020 015	C		2			0804079	12	330 PF 10PC 300V MICA	
AB	1530.	000.0	H 018 017	D	A	2			0223292	S1	1N662	INPUT
		001.0	H 017 018	R				1	0223328		33K OHM 5PC 1/2W	BIAS
		002.0	H 018 019	C		2			0804079		330 PF 10PC 300V MICA	SPEED UP
		003.0	H 017 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
		004.0	H 017 020	Q	B			1	0223297		2N1305	
		005.0			C							
		006.0	H 017 024	R				1	0804041		1.5K OHM 5PC 1/2W	LOAD
		007.0	H 018 020	Q	B	1			0804008		2N1304	
		008.0			E			1				
		009.0	H 018 023	R		2			0223253	02	2.2K OHM 5PC 1/2W	LOAD
		010.0	H 015 017	D	A				0223292	R2	1N662	INPUT
		011.0	H 015 036	D	A				0223292		1N662	
		012.0			C			1				
		013.0	H 012 036	R		2		1	0223331		47K OHM 5PC 1/2W	
		014.0	H 010 035	R		2		1	0223326		15K OHM 5PC 1/2W	
		015.0						1				
		016.0	H 007 036	C					0804087	R3	1001 MFD 10PC 200V FILM	
		017.0	H 015 018	R				1	0223328		33K OHM 5PC 1/2W	BIAS
		018.0	H 016 019	C		2			0804079		330 PF 10PC 300V MICA	SPEED UP
		019.0	H 015 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
		020.0						1				
		021.0	H 015 020	Q	B			1	0223297		2N1305	
		022.0	H 015 023	R					0804041		1.5K OHM 5PC 1/2W	LOAD
		023.0	H 016 020	Q	B	1		1	0804008		2N1304	
		024.0			E							
		025.0	H 016 024	R		2		1	0223253	01	2.2K OHM 5PC 1/2W	LOAD
AA	1531.	000.0	H 018 016	R		2		1	0223393	11	12K OHM 5PC 1/2W	
		001.0	H 017 016	R						01		
		002.0	H 018 015	C		2			0804079	12	330 PF 10PC 300V MICA	
		003.0						1				
AB	1532.	000.0	H 016 016	R		2		1	0223393	11	12K OHM 5PC 1/2W	
		001.0	H 015 016	R						01		
		002.0	H 016 015	C		2		1	0804079	12	330 PF 10PC 300V MICA	
AB	1540.	000.0	H 012 017	D	A	2			0223292	S1	1N662	INPUT
		001.0			C			1				
		002.0	H 011 018	R				1	0223328		33K OHM 5PC 1/2W	BIAS
		003.0	H 012 019	C		2		1	0804079		330 PF 10PC 300V MICA	SPEED UP
		004.0						1				
		005.0	H 011 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
		006.0						1				
		007.0	H 011 020	Q	B			1	0223297		2N1305	
		008.0			C							
		009.0	H 012 023	R		2			0804041	02	1.5K OHM 5PC 1/2W	LOAD
		010.0	H 009 017	D	A			1	0223292	R2	1N662	INPUT
		011.0	H 009 016	R				1	0223328		33K OHM 5PC 1/2W	BIAS
		012.0	H 010 019	C		2		1	0804079		330 PF 10PC 300V MICA	SPEED UP
		013.0						1				
		014.0	H 009 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
		015.0						1				

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF=LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	016.0	H 009 020	Q	B			1	0223297		2N1305	
	017.0	H 010 023	R				2	0804041	01	1.5K OHM 5PC 1/2W	LOAD
AA	1541.000.0	H 012 015	C				2	0804079	11	330 PF 10PC 300V MICA	
	001.0	H 011 016	R				1	0223331	12	47K OHM 5PC 1/2W	
	002.0	H 012 016	R						01		
AA	1542.000.0	H 008 015	C				2	0804079		330 PF 10PC 300V MICA	
	001.0	H 007 015	C						11		
	002.0	H 010 018	R				2	0223331	12	47K OHM 5PC 1/2W	
	003.0	H 009 018	R						01		
AB	1550.000.0	H 008 018	D	A			2	0223292	S1	1N662	INPUT
	001.0			C			1				
	002.0	H 007 016	R					0223328		33K OHM 5PC 1/2W	BIAS
	003.0	H 008 019	C				2	0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	H 007 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	H 007 020	Q	B			1	0223297		2N1305	
	006.0			C			1				
	007.0	H 008 023	R				2	0804041	02	1.5K OHM 5PC 1/2W	LOAD
	008.0	H 006 017	D	A			2	0223292	R2	1N662	INPUT
	009.0	H 006 016	R				2	0223328		33K OHM 5PC 1/2W	BIAS
	010.0	H 006 019	C				2	0804079		330 PF 10PC 300V MICA	SPEED UP
	011.0	H 005 020	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	012.0	H 005 020	Q	B			1	0223297		2N1305	
	013.0			C			1				
	014.0	H 005 023	R				1	0804041	01	1.5K OHM 5PC 1/2W	LOAD
	015.0										
AA	1551.000.0	H 007 017	R				1	0223331	11	47K OHM 5PC 1/2W	
	001.0	H 008 017	R						01		
	002.0	H 010 025	C				2	0804079	12	330 PF 10PC 300V MICA	
	003.0						1				
AA	1552.000.0	H 005 018	R				1	0223331	11	47K OHM 5PC 1/2W	
	001.0	H 006 018	R						01		
	002.0	H 008 025	C				2	0804079	12	330 PF 10PC 300V MICA	
	003.0						1				
AB	1560.000.0	H 008 007	D	A			2	0223292	S1	1N662	INPUT
	001.0	H 007 006	R					0223328		33K OHM 5PC 1/2W	BIAS
	002.0	H 008 009	C				2	0804079		330 PF 10PC 300V MICA	SPEED UP
	003.0	H 007 010	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	004.0						1				
	005.0	H 007 010	Q	B			1	0223297		2N1305	
	006.0			C			1				
	007.0	H 007 014	R				1	0804041	02	1.5K OHM 5PC 1/2W	LOAD
	008.0	H 006 007	D	A			2	0223292	R2	1N662	INPUT
	009.0			C			1				
	010.0	H 005 006	R				2	0223328		33K OHM 5PC 1/2W	BIAS
	011.0	H 006 009	C				2	0804079		330 PF 10PC 300V MICA	SPEED UP
	012.0	H 005 010	R				1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	013.0	H 005 010	Q	B			1	0223297		2N1305	
	014.0			C			1				
	015.0	H 006 014	R				2	0804041	01	1.5K OHM 5PC 1/2W	LOAD
AA	1561.000.0	H 007 008	R				1	0223331	11	47K OHM 5PC 1/2W	
	001.0	H 008 008	R						01		
	002.0	H 008 005	C				2	0804079		330 PF 10PC 300V MICA	
	003.0	H 007 005	C				1		12		
AA	1562.000.0	H 006 008	R				2	0223331	11	47K OHM 5PC 1/2W	
	001.0	H 005 008	R						01		
	002.0	H 006 005	C				2	0804079	12	330 PF 10PC 300V MICA	
AB	1570.000.0	H 004 003	D	A			2	0223292	S1	1N662	INPUT
	001.0			C			1				

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	H	003	002	R			1 0223328		33K OHM 5PC 1/2W	BIAS
	003.0	H	004	005	C		2	1 0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0							1			
	005.0	H	004	006	R		2	1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	006.0	H	003	006	Q	B		1 0223297		2N1305	
	007.0	H	004	009	R		2	1 0804041		1.5K OHM 5PC 1/2W	LOAD
	009.0	H	002	006	Q	B	1	1 0804008		2N1304	
	010.0					E		1			
	011.0	H	002	010	R		2	1 0223253	O2	2.2K OHM 5PC 1/2W	LOAD
	012.0	H	002	003	D	A	2	1 0223292	R2	1N662	INPUT
	014.0	H	002	001	R		2	1 0223328		33K OHM 5PC 1/2W	BIAS
	015.0	H	002	005	C		2	1 0804079		330 PF 10PC 300V MICA	SPEED UP
	016.0	H	001	006	R			1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	017.0							1			
	018.0	H	001	006	Q	B		1 0223297		2N1305	
	019.0	H	002	009	R		2	1 0804041	O1	1.5K OHM 5PC 1/2W	LOAD
AA 1571.	000.0	H	003	004	R			1 0223331	I1	47K OHM 5PC 1/2W	
	001.0	H	004	004	R			1	O1		
	002.0	H	004	010	C		2	1 0804079		330 PF 10PC 300V MICA	
	003.0	H	003	010	C				I2		
AA 1572.	000.0	H	002	004	R		2	1 0223331	I1	47K OHM 5PC 1/2W	
	001.0	H	001	004	R				O1		
	002.0	H	002	002	C		2	1 0804079	I2	330 PF 10PC 300V MICA	
AB 1580.	000.0	H	026	007	D	A	2	1 0223292	S1	1N662	INPUT
	001.0	H	025	008	R			1 0223328		33K OHM 5PC 1/2W	BIAS
	002.0	H	026	009	C		2	1 0804079		330 PF 10PC 300V MICA	SPEED UP
	003.0	H	025	010	R			1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	004.0	H	211	046	Q	B	1	1 0223297		2N1305	
	005.0					C		1			
	006.0	H	026	014	R		2	1 0804041	O2	1.5K OHM 5PC 1/2W	
	007.0							1			
	008.0	H	210	003			3	1 FH0000000		FEED THROUGH HOLE	
	009.0	G	024	003			3	1 FH0000000		FEED THROUGH HOLE	
	010.0	H	024	007	D	A	2	1 0223292	R2	1N662	INPUT
	011.0					C		1			
	012.0	H	023	006	R			1 0223328		33K OHM 5PC 1/2W	BIAS
	013.0	H	024	009	C		2	1 0804079		330 PF 10PC 300V MICA	SPEED UP
	014.0							1			
	015.0	H	023	010	R			1 0223353		8.2K OHM 5PC 1/2W	COUPLING
	016.0	H	194	046	Q	B	1	1 0223297		2N1305	
	017.0					C		1			
	018.0	H	023	014	R			1 0804041	O1	1.5K OHM 5PC 1/2W	LOAD
	019.0	H	017	008	R			1 0804041	R3	1.5K OHM 5PC 1/2W	
	020.0	H	018	007	D	A	2	1 0223292		1N662	
AA 1581.	000.0	H	025	006	R			1 0223331	I1	47K OHM 5PC 1/2W	
	001.0	H	026	006	R				O1		
	002.0	H	026	005	C		2	1 0804079		330 PF 10PC 300V MICA	
	003.0	H	025	005	C				I2		
AA 1582.	000.0	H	023	008	R			1 0223331	I1	47K OHM 5PC 1/2W	
	001.0	H	024	008	R				O1		
	002.0	G	045	003			3	1 FH0000000		FEED THROUGH HOLE	
	003.0	H	189	003			3	1 FH0000000		FEED THROUGH HOLE	
	004.0	H	137	011			3	1 FH0000000		FEED THROUGH HOLE	
	005.0	H	043	024			3	1 FH0000000		FEED THROUGH HOLE	
	006.0	H	024	005	C		2	1 0804079		330 PF 10PC 300V MICA	
	007.0	H	023	005	C			1	I2		
AB 1590.	000.0	H	022	007	D	A	2	1 0223292	S1	1N662	INPUT
	001.0	H	021	008	R			1 0223328		33K OHM 5PC 1/2W	BIAS
	002.0							1			
	003.0	H	022	009	C		2	1 0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	H	021	010	R			1 0223353		8.2K OHM 5PC 1/2W	COUPLING

F R I D E N I N C
 EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	005.0	H 177	046	Q	B	1	1	0223297		2N1305	
	006.0				C		1				
	007.0	H 021	014	R			1	0804041	02	1.5K OHM 5PC 1/2W	LOAD
	008.0	H 020	007	D	A	2		0223292	R2	1N662	INPUT
	009.0	H 019	006	R			1	0223328		33K OHM 5PC 1/2W	BIAS
	010.0	H 020	009	C		2	1	0804079		330 PF 10PC 300V MICA	SPEED UP
	011.0	H 019	010	R			1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	012.0	H 160	046	Q	B	1	1	0223297		2N1305	
	013.0				C		1				
	014.0	H 019	014	R			1	0804041	01	1.5K OHM 5PC 1/2W	LOAD
AA 1591.	000.0	H 021	006	R			1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	H 022	006	R					O1		
	002.0	H 022	005	C		2		0804079	I2	330 PF 10PC 300V MICA	
AA 1592.	000.0	H 019	008	R			1	0223331	I1	47K OHM 5PC 1/2W	
	001.0	H 020	008	R					O1		
	002.0	H 020	005	C		2		0804079		330 PF 10PC 300V MICA	
	003.0	H 019	005	C					I2		
AC 1600.	000.0	G 019	013	D	A		1	0223292	S1	1N662	INPUT
	001.0				C		1				
	002.0	G 020	010	R		2	1	0223328		33K OHM 5PC 1/2W	BIAS
	003.0	G 019	012	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	004.0	G 020	011	R		2	1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	005.0	G 020	009	Q	B	1	1	0223297		2N1305	
	006.0	G 020	009	R		2	1	0804041		1.5K OHM 5PC 1/2W	LOAD
	007.0						1				
	008.0	G 021	013	D	A			0223292	R2	1N662	INPUT
	009.0	G 021	010	R			1	0223328		33K OHM 5PC 1/2W	BIAS
	010.0						1				
	011.0	G 167	007			3	1	FH0000000		FEED THROUGH HOLE	
	012.0	G 021	012	C				0804079		330 PF 10PC 300V MICA	SPEED UP
	013.0						1				
	014.0	G 021	011	R			1	0223353		8.2K OHM 5PC 1/2W	COUPLING
	015.0	G 022	009	Q	B	1	1	0223297		2N1305	
	016.0	G 021	009	R			1	0804041	01	1.5K OHM 5PC 1/2W	LOAD
AB 1601.	000.1	H 090	003			3	1	FH0000000		FEED THROUGH HOLE	
	001.1	G 144	003			3	1	FH0000000		FEED THROUGH HOLE	
	002.0	G 019	015	R			1	0223331	I1	47K OHM 5PC 1/2W	
	003.0	G 020	014	C		2		0804081	I2	470 PF 10PC 200V FILM	
	004.0	G 019	014	C			1		O1		
AB 1602.	000.1	G 191	043			3	1	FH0000000		FEED THROUGH HOLE	*X+025 Y+025*
	001.0	G 174	052			3	1	FH0000000		FEED THROUGH HOLE	*X+025*FORM P4 M
	002.0	G 022	015	R		2		0223331	I1	47K OHM 5PC 1/2W	
	003.0	G 021	015	R					O1		
	004.0	G 021	014	C				0804081	I2	470 PF 10PC 200V FILM	
AB 1610.	000.0	H 015	007	D	A			0223292	S1	1N662	INPUT
	001.0	H 016	008	R		2	1	0223328		33K OHM 5PC 1/2W	BIAS
	002.0	H 017	010	R			1	0223326		15K OHM 5PC 1/2W	COUPLING
	003.0						1				
	004.0	H 144	046	Q	B	1	1	0223297		2N1305	
	005.0				C		1				
	006.0	H 015	014	R				0223323	01	2.7K OHM 5PC 1/2W	LOAD
	007.0	H 015	011	D	A			0223292	R2	1N662	INPUT
	008.0	H 015	009	R			1	0223328		33K OHM 5PC 1/2W	BIAS
	009.0	H 018	009	R		2	1	0223326		15K OHM 5PC 1/2W	COUPLING
	010.0						1				
	011.0	H 152	046	Q	B	1	1	0223297		2N1305	
	012.0				C		1				
	013.0	H 018	014	R		2	1	0223323	02	2.7K OHM 5PC 1/2W	LOAD
AA 1611.	000.0	H 016	006	R		2		0223331	I1	47K OHM 5PC 1/2W	
	001.0	H 015	006	R					O1		

FRIDEN INC
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	002.0	H 018 006	C					2 0804081	12 470 PF 10PC 200V FILM		
AA 1612.	000.0	H 016 012	R					2 0223331	11 47K OHM 5PC 1/2W		
	001.0	H 015 012	R						01		
	002.0	H 016 013	C					2 1 0804081	12 470 PF 10PC 200V FILM		
AB 2000.	000.0	H 004 018	R					2 1 0223353	8.2K OHM 5PC 1/2W	BIAS	
	001.0	H 004 017	R					2 0223401	4.7K OHM 5PC 1/2W	BIAS	
	002.0	H 004 015	C					2 2 0804096	.1 MFD 10PC 200V FILM		
	003.0	H 001 015	C						2		
	004.0	H 004 020	Q	B				1 0223297	2N1305		
	005.0	H 002 017	R					2 0223388	3.3K OHM 5PC 1/2W		
	006.0	H 004 024	L					2 1 0804016	100 MICROHENRY 5PC COIL		
	007.0	H 004 020	C					2 1 0804084	820 PF 10PC 200V FILM		
	008.0	H 003 019	C					0804088	.0015 MFD 10PC200V FILM		
	009.0	H 003 020	Q	B				0223297	2N1305		
	010.0	H 002 020	R					2 0804041	1.5K OHM 5PC 1/2W	COUPLING	
	011.0	H 002 019	C					2 0804074	68 PF 10PC 300V MICA	SPEED UP	
	012.0	H 002 018	R					2 1 0804041	1.5K OHM 5PC 1/2W	BIAS	
	013.0	H 001 020	Q	B				0804111	2N2635		
	014.0	H 001 026	R					0804041	01 1.5K OHM 5PC 1/2W	LOAD	
	015.0	H 040 046	C					2 3 1 0804096	.1 MFD 10PC 200V FILM		
	016.0	H 011 046									
AB 3000.	000.0	G 206 073	D	A				2 1 1 0223292	11 1N662	GATE	
	001.0	G 023 019	D	A				1 0223292	12 1N662	GATE	
	002.0	G 206 067	D	A				2 1 0223292	13 1N662	GATE	
	003.0	G 206 064	R					2 1 0223393	01 12K OHM 5PC 1/2W	LOAD	
	004.0								1		
AC 3001.	000.0	G 206 058	R					2 1 1 0223403	11 6.8K OHM 5PC 1/2W	COUPLING	
	001.0	G 194 061	C					1 0804079	330 PF 10PC 300V MICA	SPEED UP	
	002.0								1		
	003.0	G 194 055	R					1 1 0804044	22K OHM 5PC 1/2W	BIAS	
	004.0	G 023 011	Q	B				1 0223297	2N1305	INV	
	005.0	G 013 016	R					0223353	01 8.2K OHM 5PC 1/2W	LOAD	
	006.0								1		
	007.0	G 012 021	D	A				2 1 0223292	12 1N662		
AB 3002.	000.0	G 014 018	R					2 1 0223403	11 6.8K OHM 5PC 1/2W	COUPLING	
	000.1								1		
	001.0	G 013 017	C					0804079	330 PF 10PC 300V MICA	SPEED UP	
	002.0								1		
	003.0	G 011 019	R					0804044	22K OHM 5PC 1/2W	BIAS	
	004.0	G 013 020	Q	B				2 1 0223297	2N1305		
	005.0			C					1		
	006.0	G 013 015	R					0223253	01 2.2K OHM 5PC 1/2W	LOAD	
AB 3003.	000.0	G 013 014	R					1 0223403	11 6.8K OHM 5PC 1/2W	COUPLING	
	001.0	G 013 013	C					1 0804079	330 PF 10PC 300V MICA	SPEED UP	
	002.0	G 013 012	R					1 0804044	22K OHM 5PC 1/2W	BIAS FROM P5 C	
	003.0								1		
	004.0	G 014 009	Q	B				1 0223297	2N1305		
	005.0			C					1		
	006.0	G 013 009	D	A				0223292	1N662		
	007.0	G 014 011	C					2 1 0804091	.0047 MFD 10PC200V FILM		
	008.0	G 014 010	R					2 0223351	47 OHM 5PC 1/2W		
	009.0	G 134 012	R					1 0804126	50K OHM POT 20PC 1/4W	265 DIA	
	010.0	G 013 007	R					0804044	22K OHM 5PC 1/2W		
	011.0	G 012 009	Q	B				1 0223297	2N1305		
	012.0			E					1		
	013.0	G 012 014	R					2 1 0223401	01 4.7K OHM 5PC 1/2W	LOAD	
	014.0								1		
AA 3004.	000.0	G 011 011	D	A				0223292	11 1N662	GATE	
	001.0			C					1		
	002.0	G 011 012	D	A				1 0223292	12 1N662	GATE FROM P5M	

F R I D E N I N C
EC/130 CONSTRUCTION FILF

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	003.0			C					1		
	004.0	G 012 013	D	A	2			0223292	13	1N662	GATE
	005.0	G 012 009	R		2			0223258	01	18K OHM 5PC 1/2W	LOAD
AC	3005.000.0	G 012 010	C		2			0804088	11	.0015 MFD 10PC200V FILM	
	001.0	G 084 012	R		1			0804126		50K OHM POT 20PC 1/4W	265 DIAM
	002.0	G 014 008	R		2			0804044		22K OHM 5PC 1/2W	
	004.0	G 011 009	Q	B				0223297		2N1305	
	005.0			C					1		
	006.0	G 087 003			3			FH0000000		FEED THROUGH HOLE	
	007.0	H 147 003			3			FH0000000		FEED THROUGH HOLE	
	008.0	H 123 008	R		1			0804062		8.2K OHM 5PC 2W	
	009.0								1		
	010.0	H 123 003			3			FH0000000		FEED THROUGH HOLE	
	011.0	G 111 003			3			FH0000000		FEED THROUGH HOLE	
	012.0	G 012 008	D	A	2			0223292		1N662	
	013.0			C					1		
	014.0	G 009 008	D	A				0223292	12	1N662	
	015.0	G 072 076			3			FH0000000		FEED THROUGH HOLE	
	016.0	G 040 073	C		2			0804097		.47 MFD 10PC 100V MYLAR	
	017.0	G 009 009	Q	B				0223297		2N1305	
	018.0	G 008 008	R		2			0223253		2.2K OHM 5PC 1/2W	
	019.0	G 010 010	R		2			0223331		47K OHM 5PC 1/2W	
	020.0	G 004 009	Q	B	1			0804008		2N1304	
	021.0	G 006 010	R		2			0223228		1K OHM 5PC 1/2W	
	021.1	G 005 010	R						01		
	022.0	G 059 032			3			FH0000000		FEED THROUGH HOLE	*X-025*
AB	3006.000.0	G 082 124			3			FH0000000		FEED THROUGH HOLE	
	001.0	G 010 015	D	A	2			0223292	11	1N662	GATE
	002.0	G 010 014	D	A	2			0223292	12	1N662	GATE
	003.0	G 008 009	R		2			0223403	01	6.8K OHM 5PC 1/2W	LOAD
AC	3007.000.0	G 009 012	R					0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	001.0	G 009 013	C					0804079		330 PF 10PC 300V MICA	SPEED UP
	002.0	G 010 011	R		2			0804044		22K OHM 5PC 1/2W	BIAS
	003.0	G 010 009	Q	B	1			0223297		2N1305	
	004.0			C					1		
	005.0	G 010 009	R		2			0804031		10 OHM 5PC 1/2W	
	006.0	G 009 009	R						01		
AB	3008.000.0	H 156 003			3			FH0000000		FEED THROUGH HOLE	
	001.0	G 078 003			3			FH0000000		FEED THROUGH HOLE	
	002.0	G 010 018	R		2			0223403	11	6.8K OHM 5PC 1/2W	COUPLING
	003.0								1		
	004.0	G 009 016	R					0223257		10K OHM 5PC 1/2W	BIAS
	005.0								1		
	006.0	G 008 009	Q	B	1			0223297		2N1305	
	007.0			C					1		
	008.0	G 010 021	R		2			0804027	12	9.09K OHM 1PC 1/2W	
	009.0	G 007 021	D	A				0223292	01	1N662	
	010.0			C					1		
	011.0	G 062 056	R		1			0223253		2.2K OHM 5PC 1/2W	
	012.0	G 004 014	D	A	2			0223292		1N662	
	013.0	G 004 013	D	A	2			0223292		1N662	
AB	3009.000.0	G 003 017	R					0223403		6.8K OHM 5PC 1/2W	COUPLING
	001.0	G 007 010	R					0223257		10K OHM 5PC 1/2W	BIAS
	002.0	G 007 009	Q	B				0223297		2N1305	
	003.0			E					1		
	004.0	G 062 025	R		1			0804029		10K OHM 1PC 1/2W	
	004.1	G 074 025	R		1				12		
	005.0	G 005 009	D	A				0223292	01	1N662	
	006.0	G		C					1		
AB	3010.000.0	G 012 018	D	A	2			0223292	11	1N662	
	001.0			C					1		
	002.0	G 106 062	R		2			0804026		4.64K OHM 1PC 1/2W	
	003.0	G 010 019	R		2			0804026		4.64K OHM 1PC 1/2W	
	003.1	G 009 019	R						13		

F R I D E N I N C
EC/130 CONSTRUCTION FILE

REV LTR	REF-LINE INSERT	LOCATION	Y	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	004.0	G 009	017	D	A		1	0223292	12	1N662	
	005.0				C		1				
	006.0	G 094	058	R			1	0804026		4.64K OHM 1PC 1/2W	
	007.0						1				
	008.0	G 005	021	R			1	0804026	01	4.64K OHM 1PC 1/2W	
	009.0	G 051	012	R			1	0804121		500 OHM POT 20PC 1/4W	VERT CHAR HT
AB 3011.	000.0	G 074	059	D	A	2	1	0223292	11	1N662	
	001.0	G 007	012	R			1	0223393		12K OHM 5PC 1/2W	
	002.0	G 045	056	D	A		1	0223292	12	1N662	
	003.0	G 062	052	R			1	0804026		4.64K OHM 1PC 1/2W	
	004.0	G 045	052	R			1	0804026	01	4.64K OHM 1PC 1/2W	
	005.0	G 045	059	D	A		1	0223292		1N662	
	006.0	G 005	012	R			1	0223393	13	12K OHM 5PC 1/2W	
	007.0	G 034	012	R			1	0804121		500 OHM POT 20PC 1/4W	HORIZ CHAR W
AC 3012.	000.0	G 004	016	R			2	0804036		270 OHM 5PC 1/2W	
	001.0	G 004	018	Z	A	2		0804011		1N756A 8.2V ZENER DIODE	
	002.0				C		1				FROM P5 U DISPLAY GND
	003.0	G 062	062	D	A		1	0223292	11	1N662	
	004.0				C		1				
	005.0	G 008	018	R			2	0804028		9.31K OHM 1PC 1/2W	
	006.0	G 008	019	R			2	0804026		4.64K OHM 1PC 1/2W	
	007.0	G 003	015	D	A		1	0223292	12	1N662	
	008.0	G 005	018	R			1	0804026		4.64K OHM 1PC 1/2W	
	009.0						1				
	010.0	G 005	019	R			1	0804024		2.32K OHM 1PC 1/2W	
	011.0	G 005	008	R			1	0804039	13	560 OHM 5PC 1/2W	
	012.0						1				
	013.0	G 068	012	R			1	0804122		1K OHM POT 20PC 1/4W	VERT CHAR SP
	014.0	G 006	009	Q	B	1	1	0223297		2N1305	
	015.0				C		1				
	016.0				E		1				
	017.0	G 006	007	R			2	0223259		680 OHM 5PC 1/2W	
	017.1	G 057	062	R			2	0804039	01	560 OHM 5PC 1/2W	
	019.1						1				
	020.0	G 051	124				3	FH0000000		FEED THROUGH HOLE	
AB 3013.	000.0	G 005	009	Q	B		1	0223297	11	2N1305	EF
	001.0				F		1				
	002.0	G 007	011	R			1	0223253		2.2K OHM 5PC 1/2W	LOAD
	003.0	G 005	011	R			1	0223259		680 OHM 5PC 1/2W	
	004.0	G 004	019				2	FH0000000		FEED THROUGH HOLE	
	005.0	G 004	012	R			2	0223257	12	10K OHM 5PC 1/2W	
	006.0	G 004	009	R			2	0804038	14	470 OHM 5PC 1/2W	
	007.0	G					1				
	008.0	G 004	010	R			2	0804034	13	220 OHM 5PC 1/2W	
	009.0	G 003	009	Q	B		1	0223297		2N1305	
	010.0	G 003	008	R			1	0223259		680 OHM 5PC 1/2W	
	011.0						1				
	012.0	G 003	011	R			1	0804039	01	560 OHM 5PC 1/2W	TO P5 W
	013.0						1				
AC 4000.	000.0	B 001	027	C			2	0804096		.1 MFD 10PC 200V FILM	FILTER
	001.0	B 003	027	C			2				
	002.0	B 005	027	F			1	0804056		2.7 OHM 5PC 1/2W	FILTER
	003.0	B 206	049	C			3	0804096		.1 MFD 10PC 200V FILM	FILTER
	004.0	B 223	049	C			3				
	005.0	B 025	007	R			1	0804056		2.7 OHM 5PC 1/2W	FILTER
	006.0						1				FROM P11 22
	007.0	B 005	022	D	A		1	0223292		1N662	FROM P10 10
	008.0	B 011	019	D	A		1	0223292		1N662	
	009.0				C		1				TO P10 22
	010.0	B 001	004				3				125 DIA
	011.0	B 001	065				3				125 DIA
	012.0	B 001	126				3				125 DIA
	013.0	B 123	011				3				125 DIA

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	014.0	B	113	063					3		
	015.0	B	117	125					3		125 DIA
	016.0	B	233	004					3		125 DIA
	017.0	B	233	065					3		125 DIA
	018.0	B	233	126					3		125 DIA
	019.0	C	024	036				0804096	2	.1 MFD 10PC 200V FILM	125 DIA
	020.0	C	026	036					2		FILTER
	021.0	C	023	035				0804056		2.7 OHM 5PC 1/2W	FILTER FROM P8 5
	022.0	C	001	004					3		125 DIA
	023.0	C	001	065					3		125 DIA
	024.0	C	001	126					3		125 DIA
	025.0	C	116	009					3		125 DIA
	026.0	C	117	127					3		125 DIA
	027.0	C	233	004					3		125 DIA
	028.0	C	233	065					3		125 DIA
	029.0	C	233	126					3		125 DIA
	030.0	C	006	003					3	1 FH0000000	FEED THROUGH HOLE
	031.0	C	021	003					3	1 FH0000000	FEED THROUGH HOLE
	032.0	C	039	003					3	1 FH0000000	FEED THROUGH HOLE
	033.0	C	051	003					3	1 FH0000000	FEED THROUGH HOLE
	034.0	C	057	003					3	1 FH0000000	FEED THROUGH HOLE
	035.0	C	228	003					3	1 FH0000000	FEED THROUGH HOLE
	036.0	D	206	015				0804096	3	.1 MFD 10PC 200V FILM	FILTER
	037.0	D	223	015					3		
	038.0	C	009	003					3	1 FH0000000	FEED THROUGH HOLE
	039.0	D	225	003					3	1 FH0000000	FEED THROUGH HOLE
	040.0	D	025	002				0804056		2.7 OHM 5PC 1/2W	FILTER
	041.0	D	001	004					3		FROM P9 7 12V
	042.0	D	001	065					3		125 DIA
	043.0	D	001	126					3		125 DIA
	044.0	D	118	009					3		125 DIA
	045.0	D	117	127					3		125 DIA
	046.0	D	233	004					3		125 DIA
	047.0	D	233	065					3		125 DIA
	048.0	D	233	126					3		125 DIA
	049.0	D	006	003					3	1 FH0000000	FEED THROUGH HOLE
	050.0	D	177	003					3	1 FH0000000	FEED THROUGH HOLE
	051.0	D	183	003					3	1 FH0000000	FEED THROUGH HOLE
	052.0	D	195	003					3	1 FH0000000	FEED THROUGH HOLE
	053.0	D	213	003					3	1 FH0000000	FEED THROUGH HOLE
	054.0	D	228	003					3	1 FH0000000	FEED THROUGH HOLE
	055.0	E	206	124				0804096	3	.1 MFD 10PC 200V FILM	FILTER
	056.0	E	223	124					3		
	057.0	E	194	121				0804056	1	2.7 OHM 5PC 1/2W	FILTER 12V FROM P6 10
	058.0								1		
	059.0	E	001	004					3		125 DIA
	060.0	E	001	065					3		125 DIA
	061.0	E	001	126					3		125 DIA
	062.0	E	117	006					3		125 DIA
	063.0	E	117	064					3		125 DIA
	064.0	E	117	127					3		125 DIA
	065.0	E	233	004					3		125 DIA
	066.0	E	233	065					3		125 DIA
	067.0	E	233	126					3		125 DIA
	068.0	E	006	003					3	1 FH0000000	FEED THROUGH HOLE
	069.0	E	039	003					3	1 FH0000000	FEED THROUGH HOLE
	070.0	E	048	003					3	1 FH0000000	FEED THROUGH HOLE
	071.0	E	075	003					3	1 FH0000000	FEED THROUGH HOLE
	072.0	E	099	003					3	1 FH0000000	FEED THROUGH HOLE
	073.0	E	105	003					3	1 FH0000000	FEED THROUGH HOLE
	074.0	E	132	003					3	1 FH0000000	FEED THROUGH HOLE
	075.0	E	135	003					3	1 FH0000000	FEED THROUGH HOLE
	076.0	E	141	003					3	1 FH0000000	FEED THROUGH HOLE
	077.0	E	144	003					3	1 FH0000000	FEED THROUGH HOLE
	078.0	E	147	003					3	1 FH0000000	FEED THROUGH HOLE
	079.0	E	153	003					3	1 FH0000000	FEED THROUGH HOLE
	080.0	E	168	003					3	1 FH0000000	FEED THROUGH HOLE

→ INDICATES REVISION

REV LTR	REF=LINE INSERT	LOCATION	T	L O A P	PART NUMBER	IN OUT	PART DESCRIPTION	REMARKS
	081.0	E	189	003	3 1	FH0000000	FEED THROUGH HOLE	
	082.0	E	193	003	3 1	FH0000000	FEED THROUGH HOLE	
	083.0	E	201	003	3 1	FH0000000	FEED THROUGH HOLE	
	084.0	E	207	003	3 1	FH0000000	FEED THROUGH HOLE	
	085.0	E	210	003	3 1	FH0000000	FEED THROUGH HOLE	
	086.0	E	213	003	3 1	FH0000000	FEED THROUGH HOLE	
	087.0	E	222	003	3 1	FH0000000	FEED THROUGH HOLE	
	088.0	E	225	003	3 1	FH0000000	FEED THROUGH HOLE	
	089.0	E	228	003	3 1	FH0000000	FEED THROUGH HOLE	
	090.0	F	001	001	2	0804096	.1 MFD 10PC 200V FILM	FILTER
	090.1	F	003	001	2			
	091.0	E	198	003	3 1	FH0000000	FEED THROUGH HOLE	12V
	092.0	F	036	003	3 1	FH0000000	FEED THROUGH HOLE	
	093.0	F	028	003	2 1	0804056	2.7 OHM 5PC 1/24	FILTER
	094.0	F	042	003	3 1	FH0000000	FEED THROUGH HOLE	
	095.0	E	192	003	3 1	FH0000000	FEED THROUGH HOLE	
	096.0	E	165	003	3 1	FH0000000	FEED THROUGH HOLE	FROM P6 L 12V
	097.0	F	069	003	3 1	FH0000000	FEED THROUGH HOLE	
	098.0	F	062	003	1 1	0804056	2.7 OHM 5PC 1/24	FILTER
	099.0	F	008	001	2	0804096	.1 MFD 10PC 200V FILM	FILTER
	100.0	F	006	001	2			
	101.0	F	039	003	1 1	0804056	2.7 OHM 5PC 1/24	FILTER
	102.0	F	051	013	2 3	0804096	.1 MFD 10PC 200V FILM	FILTER
	103.0	F	034	013	3			
	104.0	F	001	004	3			125 DIA
	105.0	F	001	065	3			125 DIA
	106.0	F	001	124	3			125 DIA
	107.0	F	117	006	3			125 DIA
	108.0	F	117	064	3			125 DIA
	109.0	F	117	127	3			125 DIA
	110.0	F	233	004	3			125 DIA
	111.0	F	233	065	3			125 DIA
	112.0	F	233	126	3			125 DIA
	113.0	F	006	003	3 1	FH0000000	FEED THROUGH HOLE	
	114.0	F	009	003	3 1	FH0000000	FEED THROUGH HOLE	
	115.0	F	012	003	3 1	FH0000000	FEED THROUGH HOLE	
	116.0	F	021	003	3 1	FH0000000	FEED THROUGH HOLE	
	117.0	F	024	003	3 1	FH0000000	FEED THROUGH HOLE	
	118.0	F	027	003	3 1	FH0000000	FEED THROUGH HOLE	
	119.0	F	033	003	3 1	FH0000000	FEED THROUGH HOLE	
	120.0	F	039	003	3 1	FH0000000	FEED THROUGH HOLE	
	121.0	F	045	003	3 1	FH0000000	FEED THROUGH HOLE	
	122.0	F	066	003	3 1	FH0000000	FEED THROUGH HOLE	
	123.0	F	081	003	3 1	FH0000000	FEED THROUGH HOLE	
	124.0	F	087	003	3 1	FH0000000	FEED THROUGH HOLE	
	125.0	F	090	003	3 1	FH0000000	FEED THROUGH HOLE	
	126.0	F	093	003	3 1	FH0000000	FEED THROUGH HOLE	
	127.0	F	099	003	3 1	FH0000000	FEED THROUGH HOLE	
	128.0	F	102	003	3 1	FH0000000	FEED THROUGH HOLE	
	129.0	F	129	003	3 1	FH0000000	FEED THROUGH HOLE	
	130.0	F	135	003	3 1	FH0000000	FEED THROUGH HOLE	
	131.0	F	159	003	3 1	FH0000000	FEED THROUGH HOLE	
	132.0	F	186	003	3 1	FH0000000	FEED THROUGH HOLE	
	133.0	F	195	003	3 1	FH0000000	FEED THROUGH HOLE	
	134.0	F	228	003	3 1	FH0000000	FEED THROUGH HOLE	
	134.1	G	011	121	1 1	0804056	2.7 OHM 5PC 1/24	FILTER FROM P5Z
	136.1				1			
	137.0	G	045	124	3 1	0804096	.1 MFD 10PC 200V FILM	FILTER
	138.0	G	028	124	3			
	139.1	G	211	124	1 1	0804056	2.7 OHM 5PC 1/24	FILTER FROM P4 A
	140.1	G	024	036	2	0804096	.1 MFD 10PC 200V FILM	FILTER
	141.1	G	026	036	2			
	142.0	G	001	004	3			125 DIA
	143.0	G	001	065	3			125 DIA
	144.0	G	001	124	3			125 DIA
	145.0	G	127	008	3			125 DIA
	146.0	G	120	070	3			125 DIA
	147.0	G	117	127	3			125 DIA

→ INDICATES REVISION

REV LTR	REF-LINE INSERT	LOCATION	T	L	O	A	P	PART NUMBER	I ⁿ OUT	PART DESCRIPTION	REMARKS
→	144.0	G	233	004					3		125 DIA
	149.0	G	233	065					3		125 DIA
	150.0	G	233	124					3		125 DIA
	151.0	G	004	003					3 1	FH0000000	FEED THROUGH HOLE
	152.0	G	009	003					3 1	FH0000000	FEED THROUGH HOLE
	153.0	G	015	003					3 1	FH0000000	FEED THROUGH HOLE
	154.0	G	036	003					3 1	FH0000000	FEED THROUGH HOLE
	155.0	G	048	003					3 1	FH0000000	FEED THROUGH HOLE
	156.0	G	063	003					3 1	FH0000000	FEED THROUGH HOLE
	157.0	G	069	003					3 1	FH0000000	FEED THROUGH HOLE
	158.0	G	072	003					3 1	FH0000000	FEED THROUGH HOLE
	159.0	G	081	003					3 1	FH0000000	FEED THROUGH HOLE
	160.0	G	064	003					3 1	FH0000000	FEED THROUGH HOLE
	161.0	G	093	003					3 1	FH0000000	FEED THROUGH HOLE
	162.0	G	096	003					3 1	FH0000000	FEED THROUGH HOLE
	163.0	G	108	003					3 1	FH0000000	FEED THROUGH HOLE
	164.0	G	114	003					3 1	FH0000000	FEED THROUGH HOLE
	165.0	G	123	003					3 1	FH0000000	FEED THROUGH HOLE
	166.0	G	153	003					3 1	FH0000000	FEED THROUGH HOLE
	167.0	G	159	003					3 1	FH0000000	FEED THROUGH HOLE
	168.0	G	228	003					3 1	FH0000000	FEED THROUGH HOLE
	169.0	G	225	003					3 1	FH0000000	FEED THROUGH HOLE
	170.0	H	009	003					3 1	FH0000000	FEED THROUGH HOLE
	171.0	H	004	001	F	2	1	0804056		2.7 OHM 5PC 1/24	FILTER
	172.0	H	028	007	C	2	3	0804096		.1 MFD 10PC 200V FILM	FILTER
	173.0	H	011	007	C				3		
	174.0	H	012	003					3 1	FH0000000	FEED THROUGH HOLE
	175.0	H	222	003					3 1	FH0000000	FEED THROUGH HOLE
	176.0	H	223	008	P	2	1	0804056		2.7 OHM 5PC 1/24	FILTER
	177.0	H	206	010	C				3	0804096	.1 MFD 10PC 200V FILM
	178.0	H	223	010	C						
	179.0	H	001	004					3		125 DIA
	180.0	H	001	065					3		125 DIA
	181.0	H	001	126					3		125 DIA
	182.0	H	107	006					3		125 DIA
	183.0	H	114	070					3		125 DIA
	184.0	H	127	127					3		125 DIA
	185.0	H	233	004					3		125 DIA
	186.0	H	233	065					3		125 DIA
	187.0	H	233	124					3		125 DIA
	188.0	H	100	012					3		312 DIA
	189.0	H	150	012					3		312 DIA
	190.0	H	166	012					3		312 DIA
	191.0	H	183	012					3		312 DIA
	192.0	H	200	012					3		312 DIA
	193.0	H	006	003					3 1	FH0000000	FEED THROUGH HOLE
	194.0	H	075	003					3 1	FH0000000	FEED THROUGH HOLE
	195.0	H	081	003					3 1	FH0000000	FEED THROUGH HOLE
	196.0	H	111	003					3 1	FH0000000	FEED THROUGH HOLE
	197.0	H	120	003					3 1	FH0000000	FEED THROUGH HOLE
	198.0	H	126	003					3 1	FH0000000	FEED THROUGH HOLE
	199.0	H	138	003					3 1	FH0000000	FEED THROUGH HOLE
	200.0	H	141	003					3 1	FH0000000	FEED THROUGH HOLE
	201.0	H	150	000					3 1	FH0000000	FEED THROUGH HOLE
	202.0	H	153	000					3 1	FH0000000	FEED THROUGH HOLE
	203.0	H	162	000					3 1	FH0000000	FEED THROUGH HOLE
	204.0	H	165	000					3 1	FH0000000	FEED THROUGH HOLE
	205.0	H	171	000					3 1	FH0000000	FEED THROUGH HOLE
	206.0	H	186	000					3 1	FH0000000	FEED THROUGH HOLE
	207.0	H	198	000					3 1	FH0000000	FEED THROUGH HOLE
	208.0	H	219	000					3 1	FH0000000	FEED THROUGH HOLE
	209.0	H	225	000					3 1	FH0000000	FEED THROUGH HOLE
	210.0	H	228	000					3 1	FH0000000	FEED THROUGH HOLE

Lead Operation Absolute