



PCB1
80-5318-B

Digitech		
8760 South Sandy Parkway Sandy, Utah 84070		
Title J12 MAIN BOARD 80-5318		
Size B	Document Number 055318B0.002	Rev B0
Date:	Tuesday, October 05, 1999	Sheet 2 of 2

J12 MAIN BOARD 80-5318

Revised: November 2, 1998

055318B0.000

Revision: B0

Bill Of Materials

November 3, 1998

9:00:27

Quan Reference

Part

SYMAN

Description

Quan	Reference	Part	SYMAN	Description
19	BP1, BP2, BP3, BP4, BP5, BP6, BP7, BP8, BP9, BP10, BP11, BP12, BP13, BP14, BP15, BP16, BP17, C30, C31	.047MD7	62-3129	.047 uF Cap 50V 20% Cerm, SMT 0805
28	C1, JP1, RCH1, C2, JP2, RCH2, C3, RCH3, C4, C5, C6, R6, C7, U7A, C8, C9, C10, C11, C12, C13, C14, C15, C16, C25, C26, C27, C28, C29	OMIT	00-0000	This part has been omitted
4	C17, C18, C19, C20	120PJD7	62-3135	120 pF Cap 50V 5% Cerm, SMT 0805
1	C21	10ME1	60-0049-01	10 uF Cap 16V -20/+20% Elect., -D Ammo
2	C22, C23	22PJD7	62-3134	22 pF Cap 50V 5% Cerm, SMT 0805
1	C24	330SE4	60-0056-01	330 uF Cap 16V -20/+80% Elect-L
2	D1, D3	LEDR702082	70-2082	Red Light Emitting Diode, T1 Encap, w/housing
1	D2	1N4148R	70-0004	1N4148 Diode Silicon Switching, 75 Volts PIV, RADIAL
3	H1, H2, H3	WT321150	32-1150	10 Circuit Wire Trap Connector, 2mm Pitch, Right Angle
1	H4	RC321204	32-1204	10 Pin Ribbon Cable, 2mm spacing, 5.00" Length
1	H5	PA10/2MM	00-0000	10 Pin Pad Pattern, Not a part, 2MM Spacing
1	J1	J320116	32-0116	JACK, Shielded 5 pin DIN, PCB mount
5	L1, L13, L14, L17, L22	FB260217	26-0217	Ferrite Bead, 2.5Kohms @70Mhz, SMT 0805
1	PCB1	80-5318-B	80-5318-B	J12 MAIN BOARD PCB, RAW
2	Q1, Q5	LPT80A-V	70-2010	Photo Transistor, Vertical (LPT80-A)
3	Q2, Q3, Q4	2N4124	70-1009	2N4124 NPN, Gen. Purp. Amplifier/Switching Xstr T&R
4	R1, R2, R21, R23	2K-7	50-1508	2 KOhm Resistor 5% 1/10 Watt TF, SMT 0805
6	R3, R5, R7, R8, R9, R11	10K-7	50-1503	10 KOhm Resistor 5% 1/10 Watt TF, SMT 0805
2	R4, R24	0-7	50-1531	0 Ohm Resistor 5% 1/10 Watt TF, SMT 0805
2	R10, R12	10-7	50-1500	10 Ohm Resistor 5% 1/10 Watt TF, SMT 0805
4	R15, R16, R19, R20	100-7	50-1515	100 Ohm Resistor 5% 1/10 Watt TF, SMT 0805
1	R18	20K-7	50-1507	20 KOhm Resistor 5% 1/10 Watt TF, SMT 0805
1	S1	DIP28S	70-3161	28 Pin Dip Socket, .600 wide
3	SS1, SS2, SS3	SS280896	28-0896	Swage Standoff, 0.187" Round x 0.4375"H, 4-40
2	SS4, SS5	SS280898	28-0898	Swage Standoff, 0.187" Round x 0.375"H, 4-40
6	U1, U3, U5, U8, U10, U12	74HC574/SM	72-1263	Octal D-Type Edge Triggered Flip-Flops, SMT
5	U2, U4, U6, U9, U11	NE594D	72-1440	Display Driver, SMT
1	U7	DS702184	70-2184	AC2016B 20-Digit Vacuum Fluorescent Display
1	U13	74HC138/SM	72-5419	3 Line to 8 Line Decoder/Demultiplexer, SMT
1	U14	27C256-24	72-3144-24	27C256, 32K X 8 CMOS Eprom V1.00 (J12)
1	U15	80C31BHSM	72-3150	Single chip 8-bit Microcontroller, SMT
2	U16, U18	ADS1286	72-1420	CONVERTER, 12-Bit Serial A to D, SMT
1	U17	74HC00/SM	72-5418	Quadruple 2-Input Positive-Nand Gate, SMT
1	X1	12.00MHZ-H	76-0338	12.00 MHZ Crystal, HORIZ