

DISPLAY INTERFACE BOARD "10A"

REV A1

04/28/03

LI	QTY	REFERENCE DESIGNATION	DESCRIPTION	PART #	MFR	VENDOR	VENDOR PART #	SUB?
1	10	C1,C2,C4,C26,C27,C49-53	10uF,16V, TANT CAP 'C'	ECS-T1CX106R	PANASONIC	DIGIKEY	PCT3106CT-ND	Y
2	81	C3,C5-7,C12-25,C28-31,C34-48, C54-90,C95-99,C103-104	0.1uF 25V 0805 X7R	ECJ-2VB1E104K	PANASONIC	DIGIKEY	PCC1828CT-ND	Y
3	6	C8-11,C32,C33	1.0uF 16V 0805 Y5V	ECJ-2VF1C105Z	PANASONIC	DIGIKEY	PCC1849CT-ND	Y
4	2	C101,C102	22pF 50V 0805 NPO	ECJ-2VC1H220J	PANASONIC	DIGIKEY	PCC220CNCT-ND	Y
5	2	CR1,CR2	Dual Schottky Diode SOT-23	HSMS-2814	AGILENT	NEWARK	83F8840	N
6	2	D1,D2	Green LED 0603	LN1371SGTR	PANASONIC	DIGIKEY	P516CT-ND	Y
7	6	FB1-6	Bead Core SMD 45 Ohm	EXC-CL3225U1	PANASONIC	DIGIKEY	P9811CT-ND	N
8	1	J1	36-pin Conn, Centronix	552742-1	AMP	ARROW	552742-1	Y
9	1	J2	USB Connector Type B	897-30-004-90-000000	MILL-MAX	DIGIKEY	ED90003-ND	N
10	1	J3	100-pin Dual-Row Recept SMD	52760-1009	MOLEX	AVNET	52760-1009	N
11	1	J4	Power Supply Terminal	RAPC722	SWITCHCRAFT	DIGIKEY	SC1153-ND	N
12	1	J6	15-pin D-SUB Connector	181-015-212-171	NORCOMP	DIGIKEY	815RF-ND	N
13	1	J7	1/4 Dual-Row Header (5) .1"	87215-7	AMP	DIGIKEY	A26580-ND	Y
14	1	J8	DVI (TMDS) Connector	74320-1004	MOLEX	ARROW	74320-1004	N
15	1	J9	LVDS Connector	FI-WE31P-HF	JAE	TIGER	FI-WE31P-HF	N
16	11	R1,R2,R5,R10-12,R49,R54,R55,R56,R58	10.0K 0805 1%	ERJ-6ENF1002V	PANASONIC	DIGIKEY	P10.0KCCT-ND	Y
17	15	R3,R7,R17,R23-R27,R29,R30,R42-45,R52	4.75K 0805 1%	ERJ-6ENF4751V	PANASONIC	DIGIKEY	P4.75KCCT-ND	Y
18	3	R4,R53,R57	1.00K 0805 1%	ERJ-6ENF1001V	PANASONIC	DIGIKEY	P1.00KCCT-ND	Y
19	5	R6,R13,R14,R20,R22	0 OHMS 0805	RM73Z2A000	KOA	GARRETT	RM73Z2A000	Y
20	1	R8	511 OHM 0805 1%	ERJ-6ENF5110V	PANASONIC	DIGIKEY	P511CCT-ND	Y
21	8	R9,R18,R19,R21,R31,R35,R39,R46	2.00K 0805 1%	ERJ-6ENF2001V	PANASONIC	DIGIKEY	P2.00KCCT-ND	Y
22	1	R15	22.1 OHM 0805 1%	ERJ-6ENF22R1V	PANASONIC	DIGIKEY	P22.1CCT-ND	Y
23	2	R16,R50	2.21K 0805 1%	ERJ-6ENF2211V	PANASONIC	DIGIKEY	P2.21KCCT-ND	Y
24	3	R28,R34,R38	392 OHM 0805 1%	ERJ-6ENF3920V	PANASONIC	DIGIKEY	P392CCT-ND	Y
25	3	R32,R36,R40	37.4 OHM 0805 1%	ERJ-6ENF37R4V	PANASONIC	DIGIKEY	P37.4CCT-ND	Y
26	3	R33,R37,R41	75.0 OHM 0805 1%	ERJ-6ENF75R0V	PANASONIC	DIGIKEY	P75.0CCT-ND	Y
27	2	R47,R48	24.3 OHM 0805 1%	ERJ-6ENF24R3V	PANASONIC	DIGIKEY	P24.3CCT-ND	Y
28	1	R51	1.50K 0805 1%	ERJ-6ENF1501V	PANASONIC	DIGIKEY	P1.50KCCT-ND	Y
29	2	RA1,RA3	22 OHM RPAK 4 RES	742C083220J	CTS	DIGIKEY	742C083220JCT-ND	Y
30	8	RA2,RA4-10	22 OHM RPAK 8 RES	742C163220J	CTS	DIGIKEY	742C163220JCT-ND	Y
31	1	S1	PUSHBUTTON SWITCH SMD	EVQQTW03W	PANASONIC	DIGIKEY	P10887SCT-ND	N
33	1	U1	IC, BUFFER	74LCX16374MTD	FAIRCHILD	ARROW	74LCX16374MTD	Y
34	1	U2	IC, EEPROM	EPCS1	ALTERA	ARROW	EPCS1	N
35	1	U3	IC, V REG	LM1086CS-2.5	NATIONAL	ARROW	LM1086CS -2.5	N
36	1	U4	IC, PUR	LP3470IM5-2.63	NATIONAL	ARROW	LP3470IM5-2.63	N
37	1	U5	IC, LVDS XMITTER	DS90C387VJD	NATIONAL	DIGIKEY	DS90C387VJD-ND	N
38	1	U6	IC, FPLD	EP1C6QC240	ALTERA	ARROW	EP1C6QC240	N
39	1	U7	IC,SELECTOR SWITCH	SN74CBTLV3253D	TI	ARROW	SN74CBTLV3253D	N
40	1	U8	IC, V REG	LM1085IT-3.3	NATIONAL	ARROW	LM1085IT-3.3	N
41	1	U9	IC, INVERTER	74VHC14	FAIRCHILD	DIGIKEY	74VHC14-ND	Y
42	1	U10	NOT INSTALLED	3D7110D-1	DATA DELAY DEV	TIGER	3D7110D-1	
43	3	U11-13	IC, DAC	AD9753AST	ADI	ADI	AD9753AST	N
44	1	U14	IC, USB CONTROLLER	AN2136SC	CYPRESS	ARROW	AN2136SC	N
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45	1	U15	IC, DVI XMITTER	SIL160CT100	SILICON IMAGE	ALL AMER	SIL160CT100	N
46	1	U16	IC, EEPROM	24LC04B/SN	MICROCHIP TECH	DIGIKEY	24LC04B/SN-ND	N
47	5	W1-3,W15-16	3-PIN HEADER	3/40 X 2340-6111TN	3M	MOUSER	2340-6111TN	Y
48	3	W22,W24,W25	4-PIN HEADER	4/40 X 2340-6111TN	3M	MOUSER	2340-6111TN	Y
49	1	W23	5-PIN HEADER	5/40 X 2340-6111TN	3M	MOUSER	2340-6111TN	Y
50	1	X2	12 MHz Crystal SMD	MA-505-12.000M-C0	EPSON	DIGIKEY	SE2507CT-ND	N
51	1	N/A	PC BOARD		ADI	PCSM		N
52	4	N/A (for corners of board)	1/2" STANDOFF 4-40		SPC	NEWARK	93N2192	Y
53	4	N/A	4-40 NUT FOR ABOVE		SPC	NEWARK	31F2106	Y
54	1	N/A (for slotted hole in board)	1/2" THREADED NYLON POST		EAGLE	MOUSER	561-FTP500	Y
55	1	N/A	8-32 x 3/8" THUMBSCREW		EAGLE	MOUSER	561-T0832037	Y
56	1	N/A	#8 FIBER WASHER		KEYSTONE	MOUSER	534-3372	Y
57	2	N/A (for J1)	#4 SELF-TAPPING SCREW		SPC	NEWARK	30F092	Y
58	2	N/A (for J6)	4-40 x 3/8" SCREW		?	JAMECO	40969	Y
59	2	N/A	4-40 NUT FOR ABOVE		SPC	NEWARK	31F2106	Y
60	1	N/A (for U8)	6-32 x 3/8" SCREW		SPC	NEWARK	31F2198	Y
61	1	N/A	6-32 NUT FOR ABOVE		SPC	NEWARK	31F2107	Y

Notes:

1).

2). Header Jumpers - Jameco# 152670