

appendix
A

parts list

8800b Interface Board - Continued

Bag	Quantity	Component	MITS Stock Number
4	1	100-pin Edge Connector	101864
	2	Card Guides	101714
	2	Ribbon Cable Assembly 34 Conductor	103038
	4	14" Green or Blue Wire	103051 or 103052
5	7	2.2K 1/2w 5% Resistor	101945
MISC.	1	PC Board	100201

8800b Display Control Board

Bag	Quantity	Component	MITS Stock Number
1	7	7407 Integrated Circuit	101142
	5	7405 Integrated Circuit	101052
	8	74LS175 Integrated Circuit	101140
	2	74LS74 Integrated Circuit	101088
	1	74367 Integrated Circuit	101040
	2	8T98 Integrated Circuit	101045
	1	7493 Integrated Circuit	101030
	2	7400 Integrated Circuit	101020
	4	74LS04 Integrated Circuit	101042
	1	74LS14 Integrated Circuit	101123
	3	7410 Integrated Circuit	101024
	1	74L10 Integrated Circuit	101081
	2	74LS30 Integrated Circuit	101135
	2	4040 Integrated Circuit	101130
	1	4009 Integrated Circuit	101104
	1	7805 Voltage Regulator	101074
	1	79M08 Voltage Regulator	101111
2	2	100 Ohm 1/2w 5% Resistor	101924
	1	470 Ohm 1/2w 5% Resistor	101927
	1	1K 1/2w 5% Resistor	101928
	1	4.7K Resistor Pack	101999
	1	5 Ohm 5w 5% Resistor	102074
	2	6-32 x 1/4" Screw	100917
	2	IN914 Diode	100705

8800b Display Control Board - Continued

Bag	Quantity	Component	MITS Stock Number
	2	6-32 Nut	100933
	2	#6 Lockwasher	100942
	3	Ferrite Beads	101876
3	37	220 Ohm 1/2w 5% Resistor	101925
4	34	2.2K Ohm 1/2w 5% Resistor	101945
5	3	.001uf 1kv Capacitor	100328
	1	.1uf 50v Capacitor	100380
	2	47uf 16v Capacitor	100392
	2	22uf 35v Capacitor	100393
6	25	.1uf 12v Capacitor	100348
7	17	SPDT (ST1-1F2C) Switch	101879
8	8	MOM (ST1-3F2C) Switch	101880
9	36	RL-21 LED	100702
10	1	1702A Programmed PROM	
	3	8212 Integrated Circuit	101071
	4	24-pin Socket	102105
MISC.	1	PC Board	100200

8800b CPU Board

Bag	Quantity	Component	MITS Stock Number
1	1	8080 Integrated Circuit	101070
	1	8212 Integrated Circuit	101071
	1	4009 Integrated Circuit	101143
	1	24-pin Socket	102105
	1	40-pin Socket	102106
2	2	8216 Integrated Circuit	101141
	1	8224 Integrated Circuit	101125
	7	74367 Integrated Circuit	101040
	2	74368 Integrated Circuit	101045
	2	74LS14 Integrated Circuit	101123
	1	74LS13 Integrated Circuit	101124
	2	74LS04 Integrated Circuit	101042
	1	7805 Voltage Regulator	101074
	1	7812 Voltage Regulator	101085
3	24	2.2K 1/2w 5% Resistor	101945
4	13	3.3K 1/2w 5% Resistor	102085
	1	15K 1/2w 5% Resistor	102083
	1	1K 1/2w 5% Resistor	101928
	1	620 Ohm 1/2w 5% Resistor	102095
	1	330 Ohm 1/2w 5% Resistor	101926
	2	470 Ohm 1/4w 5% Resistor	101902
	1	10K 1/2w 5% Resistor	101932
	1	100 Ohm 1/2w 5% Resistor	101949
	1	10 Ohm 2w Resistor	101960

8800b CPU Board - Continued

Bag	Quantity	Component	MITS Stock Number
	1	IN4733 5v Diode	100721
	1	IN4730 3.9v Diode	100734
	3	CS4410 or 2N4410 Transistor	102806
5	22	.1uf 12v Capacitor	100348
6	3	.1uf 50v Capacitor	100380
	13	1uf 35v Capacitor	100308
	4	33uf 16v Capacitor	100326
	2	10uf 25v Capacitor	100352
	1	10uf 16v Capacitor	100394
	1	22uf 16v Capacitor	100395
7	1	Small 10-pin Right Angle Connector	101798
	1	100-pin Edge Connector	101864
	2	Card Guides	101714
	7	Ferrite Beads	101876
	1	18 MHz Crystal	101877
	2	Heat Sink (Large)	101870
	6	6-32 x 3/8" Screw	100925
	2	6-32 Nut	100933
	2	#6 Lockwasher	100942
	2	4-40 x 5/8" Screw	100904
	2	4-40 Nut	100932
	2	#4 Lockwasher	100941
MISC.	1	PC Board	100198

8800b Power Supply Board

Bag	Quantity	Component	MIT'S Stock Number
1	✓ 1	Bridge Rectifier 25 AMP, 50v (KBH25005)	100735
	✓ 1	Bridge Rectifier TJ 118-0 (KBPC802)	100733
	✓ 1	Transistor TIP 140, TIP 141 (with mica insulator and washer)	102819
	✓ 1	Transistor TIP 145, TIP 146 (with mica insulator and washer)	102820
	✓ 2	IN4746 18v Zener Diode	100726
	✓ 2	180 Ohm 1/2w Resistor	101998
	✓ 3	Heat Sink (large)	101870
2	✓ 1	Terminal Block 150 Series, 4 Term.	101627
	✓ 1	Terminal Block 141 Series, 10 Term.	101868
	✓ 2	Jumper for 141 Series	101651
	✓ 1	Fuse - 3 amp SLO-BLOW	101772
	✓ 1	Fuse Holder	101813
	✓ 2	T.B. Brackets	101652
	✓ 1	Strain Relief	101719
	✓ 4	Rubber Feet	101751
	✓ 4	Ring Terminal #10-#12 wire, #10 bolt	101642
	✓ 6	Spade Terminal #10-#12 wire, #10 bolt	101643
	✓ 6	Spade Terminal #10-#12 wire, #6 bolt	101644
	✓ 4	Quik Disconnect #10-#12 wire, 1/4" tab	101645
	✓ 4	Spade Terminal #18-#22 wire, #6 bolt	101646
3	✓ 4	2200uf, 25v Capacitor	100375
4	✓ 1	Plug MATE-N-LOK 10 Circuit	101635
	✓ 1	Receptacle MATE-N-LOK 10 Circuit	101636
	✓ 12	Pin MATE-N-LOK	101639
	✓ 12	Socket MATE-N-LOK	101640

8800b Power Supply Board - Continued

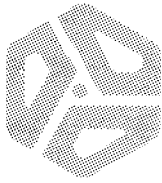
Bag	Quantity	Component	MIT'S Stock Number
	4	Commoning Tab	101641
	1	Plug MATE-N-LOK 2 Circuit	101637
	1	Receptacle MATE-N-LOK 2 Circuit	101638
5	1	6-32 x 1/2" Screw	100918
	19	6-32 x 3/8" Screw	100925
	5	6-32 x 5/8" Screw	100916
	9	6-32 x 9/16" Screw	100956
	4	6-32 x 3/4" Screw	100935
	1	8-32 x 1" Screw	100927
	4	10-32 x 1/2" Screw	100958
	13	6-32 x 1/4" Screw	100917
	19	6-32 Nut	100933
	4	#6 Snap-On Nut (with fan)	-----
	1	8-32 Nut	100929
	4	10-32 Nut	100962
	2	6-32 x 3/8" Screw (Nylon)	100959
	2	6-32 Nut (Nylon)	100960
	17	#6 Lockwasher	100942
	1	#8 Lockwasher	100945
	4	#10 Lockwasher	100963
	5	3/4" 6-32 Spacer (Threaded)	101626
	4	#6 Flat washer	100943
	1	#8 Flat washer	100939
	4	#10 Flat washer	100961
	4	3/8" 6-32 Threaded Spacer	101863

8800b Power Supply Board - Continued

Bag	Quantity	Component	MITS Stock Number
MISC.	1	95000uf 15v DC with Clamp	100391
	1	PC Board	100202
	1	6Ft. 3-wire Power Cord	101742
	1	Fan	101869
	20'	#18 Stranded Wire	103090
	8'	#12 Stranded Wire	103092
	2'	Grn. Braid	101801
	4	3/16" Cable Clamps	103023
	20	Tie Wrap	103037
	6"	Heat Shrink	103073
Separate Box	1	Transformer	102616

8800b Case and Misc.

Quantity	Component	MITS Stock Number
1	Case	100505
1	Back Panel	100545
1	Dress Panel	100541
1	Main Board	100193
2	Card Rail	101603
1	Manual (Altair 8800b Documentation)	101537



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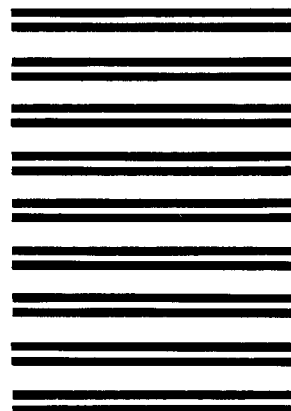
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