

PARÍS LISTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY. REQUIRED
			PER VERSION
			01
1	co14757	PRODUCT CARTON	1
2	C014758-02	END CAP	1
3	C014758-01	END CAP	1
4	C015200	DOS/FILE MGR.	1
5	C014763	INSERT	1
6	CA014748	POWER ADAPTER (PKG'D)	1
7	CA014862-01	DISK PROGRAM CX8101	1
8	C014760	INSTRUCTION MANUAL	1
3	co15554	DOOR CLOSE WARNING SHEET	1
10	C016065	INSERT SHEET	1
11	co14759	POLY BAG	1
12	CA014156	FINAL ASSY.	1
13	CA014157	UPPER ASSY.	1
14	co14105	PANEL LABEL COVER	1
15	co12972	COMMON BASE	1
16	CO14106	HOLE COVER LABEL	4
17	88-1010	MOUNTING PAD	5
18	CA014158.	LOWER ASSY.	1
19	CA014318	FASTESER-BASE ASSY.	1
20	CO14324	FASTENER	4
21	CO12972	COMMON BASE	1
22			
23	C014086	CONNECTOR LABEL	1
24			
25	ES- 1004	RUBBER FEET	4
26	C014085	SERIALIZATION LABEL	1
27			
28	CA014159	PANEL ASSY.	1
29	co14039	LOGO LABEL	1
30	CO14082	NAMEPLATE LABEL	i

SOURCE: CA014139-XX
1 of 2 REV 10

ITEM	PART		QTY. REQUIRED
NO.	NUMBER	DESCRIPTION	PER VERSION
			01
31	CO12976	DISC PANEL, PRIMARY	1
32	CO14026	ALTERNATE FOR ITEM 31	
33	CA014160	MOUNTING PLATE ASSY.	1
34	75-046	LOCKWASHER	8
35	CA014072	DISK DRIVE	1
36	72-1604S	SCREW #6-32X1/4 PHIL.HD.	4
37	72-1406S	SCREW #4-40X3/8 PHIL.HD.	1
38	72-CL404	SCREW #4X1/4 THD.FRM.PHIL.HD.	1
33	CO14814	WASHER, SHOULDER	1
40	C O 1 4 8 1 1	INSULATOR	1
41	75-044	LOCKWASHER	1
42	75-914c	NUT #4	1
43	CA014833	PCB ASSY. (REAR)	1
44	CA.014161	PCB SUB-ASSY. (REAR)	1
45	CO14025	PCB FAB	1
46	72-CL605	SCREW #6X5/16 THD.F.PHIL.HD.	3
47	72-1604S	SCREW #32X1/4 PHIL.HD.	4
48	C A 0 1 4 8 3 4	PCB ASSY. (SIDE)	1
43	CA014162	PCB SUB-ASSY. (SIDE)	1
50	CO14024	PCB FAB	1
51	72-CL605	SCREW	2
52	CO14138	GROUND BRACKET	1
53			
54			
55			
56	CO14136	RF SHIELD (INSIDE/COMPONENT)	1
57	co14137	RF SHIELD (OUTSIDE/TRACE)	1
58	co12977	MOUNTING PLATE	1
59			

SOURCE: CA014139-XX
1 of 2 REV 10

ITEM	PART		QTY. REQUIRED
NO.	NUMBER	DESCRIPTION	PER VERSION
			01
60			
61			
62			
63	75-AL612	SCREW #6-3/4 SHEETM.P.H:PHIL.	4
64	82-AL608	SCREW #6-1/2 B.T.PHIL.HD.	5
65			
66			
67			
68			
69	CA014122	CABLE ASSY. (13 PIN)	1
70	CA014121	CABLE SUB-ASSY.	1
71			
72			
73	CO11506	SHIPPING LABEL	1
74			
75	CO14845	WARRANTY CARD	1
76			
77	CA015303	POLY ENVELOPE ASSY.	1
78	co15304	RETAILER WARRANTY CARD	1
79	c o 1 5 3 0 5	POLY ENVELOPE	1
80			
81			
82	CO15936	PUBLICATIONS QUESTIONNAIRE	1
8 3	CA015598-XX	SERVICE CENTER LIST PACKET	1

SOURCE: CA014139-XX
2 of 2 REV 10

ITEM

NO. PART NUMBER QTY.

DESCRIPTION

NO.	PART	NUMBER	QTY.	DESCRIPTION
1	C014179-03	1	1	CAP, CER, AXIAL: 10pf, 20%, cog, C122
2	C014179-04	1	1	" " " 33pf, 5%, COG, C141
3	C014179-02	4	4	" " " 47pf, 10%, COG, C101,103,131, 119
4	C014179-07	1	1	" " " 62pf, 10%, COG, C105
5	C014180-03	4	4	" " " 100pf, 20%, X7R, C110,130, 139, 140
6	C014180-10	1	1	" " " 390pf, 5%, X7R, C111
7	C014180-07	1	1	" " " 470pf, 20%, X7R, C106
8	C014181-01	16	16	" " " .001uf, +80-20%, Z5U, C113,116-118, C123-129,134-138
9	C014181-03	8	8	" " " .1uf, +80-20%, Z5U, C102,104,107-109, C114,115,133
10	C014369	1	1	" ELECTROLYTIC, RADIAL: 4.7uf, 35V, +75-10%, C132
11				
12	14-51R1	1	1	RESISTOR: 1.1 ohm, 1/4W, 5%, R125
13	14-5151	1	1	" 150 ohm, 1/4W, 5%, R117
14	14-5221	1	1	" 220 ohm, 1/4W, 5%, R103,
15	14-5271	2	2	" 270 ohm, 1/4W, 5%, R120,126
16	14-5331	1	1	" 330 ohm, 1/4W, 5%, R132
17	14-5471	1	1	" 470 ohm, 1/4W, 5%, R106
18	14-5102	6	6	" 1K, 1/4W, 5%, R118,121-124, 129
19	14-5152	1	1	" 1.5K, 1/4W, 5%, R114
20				
21	14-5332	1	1	" 3.3K, 1/4W, 5%, R115
22	14-5472	4	4	" 4.7K, 1/4W, 5%, R110,116,128,133
23	14-5562	2	2	" 5.6K, 1/4W, 5%, R101,102
24	14-5103	4	4	" 10K, 1/4W, 5%, R105,109,113,134
25	14-5153	2	2	" 15K, 1/4W, 5%, R112,108
26	14-5273	1	1	" 27K, 1/4W, 5%, R131
27	14-5333	1	1	" 33K, 1/4W, 5%, R111
28	14-5393	1	1	" 39K, 1/4W, 5%, R104
29	14-5473	2	2	" 47K, 1/4W, 5%, R119,130
30	14-5104	2	2	" 100K 1/4W, 5%, R135, 136
31	14-5224	1	1	" 220K 1/4W, 5%, R127
32	14-5750	1	1	" 75 ohm, 1/4W, 5%, R175
33				
34	C014702	1	1	INDUCTOR: 470uh, L101
35	C014384	2	2	" FERRITE BEAD, L102,103
36				
37	31-1N914	3	3	DIODE: 1N914, CR120,CR121, CR122

810 SIDE BOARD

SOURCE: CA014162
lof4 REV 10

ITEM			
NO.	PART NUMBER	QTY.	DESCRIPTION
38	31-1N4001	5	DIODE: 1N4001, CR101-104 ,106
39	C014808 -01	1	DIODE, ZENER: 1N5231B, 5.1V, $\pm 5\%$, CR107
40			
41	co14394	4	TRANSISTOR: Q106-109
42	33-2N3906	3	" 2N3906, Q101,103,104
43	34-2N3904	4	" 2N3904, Q102,105,110,111
44	C014316	1	CRYSTAL" 1.000000 mhz, X101
45	C014386-07	2	SOCKET, IC: 24 PIN
Lb	C014386-08	1	SOCKET, IC: 28 PIN
47	C014386-09	2	SOCKET, IC: 40 PIN
48	C014386-02	6	'SOCKET, IC: 14 PIN
49	C014717-01	1	CONNECTOR: 23 PIN, P101
50	C014719-02	2	CONNECTOR: 5 PIN, J101,102
51	C014397-XX	1	WITCH, POWER, S102
52			
53	C014024	1	PCB
54	co14379	1	RESISTOR NETWORK 9x4.7K, SIP, R176
55	CA.015325	2	LED & STANDOFF ASSEMBLY

810 SIDE HOARD

SOURCE: CA014162
2 of 4 REV 1.0

ITEM

NO.	PART NUMBER	QTY.	DESCRIPTION
1	C014179-08	1	CAP, CER, AXIAL: 82pf, 10%, COG, C159
2	21-101474	1	" MYLAR FILM .47uf, 100V, 10%, C152
3	C014180-05	1	" CER, AXIAL: 220pf, 10%, X7R, C153
4	C014181-01	4	" .001uf, +80-20%, Z5U, C154-156, 120
5	C014180-08	1	" " " .0047uf, 20%, X7R, C157
6	C014181-02	1	" " " .01uf, +80-20%, Z5U, C147
7	C014181-03	3	" " " .1uf, +80-20%, Z5U, C161, 163, 144
8	co10394	2	" MYLAR FILM: .22uf, 20%, 145, 158
9	C014181-05	-	" CER, AXIAL: .22uf, ALTERNATE FOR ITEM 8
10	C014392	2	" ELECTROLYTIC: 10uf, 16V, +50-10%, RADIAL, C143, 160
11	C014368	2	" " 470uf, 16V, +50-10%, RADIAL, C150, 151
12	co14780	3	" " 4700uf, 25V, +50-10%, RADIAL, C146, C148, 149
13	14-51R1	1	RESISTOR: 1.1 ohm, 1/4W, 5%, R139
14	14-5220	1	" 22 ohm, 1/4W, 5%, R173
15	14-5101	5	" 100 ohm, 1/4W, 5%, R138, 147, 174, 162, 163
16	14-5241	1	" 240 ohm, 1/4W, 5%, R148
17	14-5331	1	" 330 ohm, 1/4W, 5%, R146
18	14-5221	1	" 220 ohm, 1/4W, 5%, R141
19	14-5751	1	" 750 ohm, 1/4W, 5%, R170
20	14-5821	1	" 820 ohm, 1/4W, 5%, R167
21	14-5102	5	" 1K, 1/4W, 5%, R137, 149, 151, 154, 156,
22	14-5332	1	" 3.3K, 1/4W, 5%, R155
23	14-5202	1	" 2K, 1/4W, 5%, R150
24	14-5222	4	" 2.2K, 1/4W, 5%, R159, 160, 171, 145
25	14-5392	1	" 3.9K, 1/4W, 5%, R161
26	14-5472	2	" 4.7K, 1/4W, 5%, R164, 168
27	14-5752	1	" 7.5K, 1/4W, 5%, R169
28	14-5103	8	" 10K, 1/4W, 5%, R140, 143, 152, 153, 157, 158, 165, 166
29	14-5105	1	" 1MEG, 1/4W, 5%, R144
30	15-5360	1	" 36, 1/2W, 5%, R172
31	19-411504	1	" VARIABLE: 500K, R142
32	CCL4703	1	INDUCTOR: 680uh, L103
33	31-1N914	2	DIODE: 1N914, CR110, 119
34	31-1N4001	5	" 1N4001, CR109, 115-118
35	C014308	4	" MR501, CR111-114
36	34-2x3904	2	TRANSISTOR: 2N3904, Q116, 117
37	co14394	2	" MP5A06, Q114, 115

810 REAR BOARD

SOURCE: CA014161
10f4 REV 12

ITEM

NO.	PART NUMBER	QTY.	DESCRIPTION
38	CA015326	1	TRANSISTOR & HEATSINK ASSEMBLY
39	co15505	1	CAP,ELECTROLYTIC,RADIAL, 47uF, 16V, +50-10%
40	CO14386-01	1	I.C. SOCKET: 8 PIN
41	CO14386-02	3	I.C. SOCKET: 14 PIN
42	CO14725	1	SWITCH, LOGIC, S101
43	co14715	1	CONNECTOR: POWER JACK,J110
44	co12995	2	13 PIN, RIGHT ANGLE, 5107,108
45	CO14719-03	1	" 23 PIN, 5106
46	CO14716-03	2	" 3 PIN, J104,J105
47	CO14719-02	2	" 5 PIY, J103,109
4 8	CO14796	4	LATCHING FASTENER
49	CO14025	1	PCB
50	CO14641-11	1	PCB SERIAL NO. LABEL (SEE MFG. PROCEDURE,

810 REAR BOARD

SOURCE: CA014161
2014 HE" 12

ITEM

NO.	PART NUMBER	QTY	DESCRIPTION
-----	-------------	-----	-------------

1	CA014161	1	PCB SUB-ASSEMBLY
2	co14332	1	IC: LM311, A109
3	C010174-XX	3	TRANSISTOR ARRAY, A107,110,111
4	C014348	1	VOLTAGE REGULATOR, A108*

810 REAR BOARD

* Not listed an source CA014833

SOURCE: CA014833
2 of 2 REV 1

1	CA014162	1	PCB ASSEMBLY
2	C011299	1	IC: CUSTOM ROM, A1.02
3	co14329	1	IC: FLOPPY CONTROLLER - 1771, A105
4	co10745	1	IC: CUSTOM, A101
5	C010750	1	IC: CUSTOM, A104
6	C014328	1	IC: 4013 TRANSISTOR ARRAY, A103
7	co14334	2	IC: 4013 " " Z101,105
8	C010447	1	xc: 4077 " " 2104
9	co14333	1	IC: 4011 " " Z102
10	C011465xx	1	IC: 4069 " " Z103
11	C010174-XX	1	IC: TRANSISTOR ARRAY A106
12	C014136	1	INSIDE COMPONENT R.F. SHIELD
13	C014137	1	OUTSIDE TRACE R.F. SHIELD
15	72-CL605	2	SCREW, #6x5/16 THD. F. PHIL. ED
16	C014138	1	GROUND BRACKET
	C014641-10	1	PCB SERIAL NO. LABEL (SEE MFG. PROCEDURE)

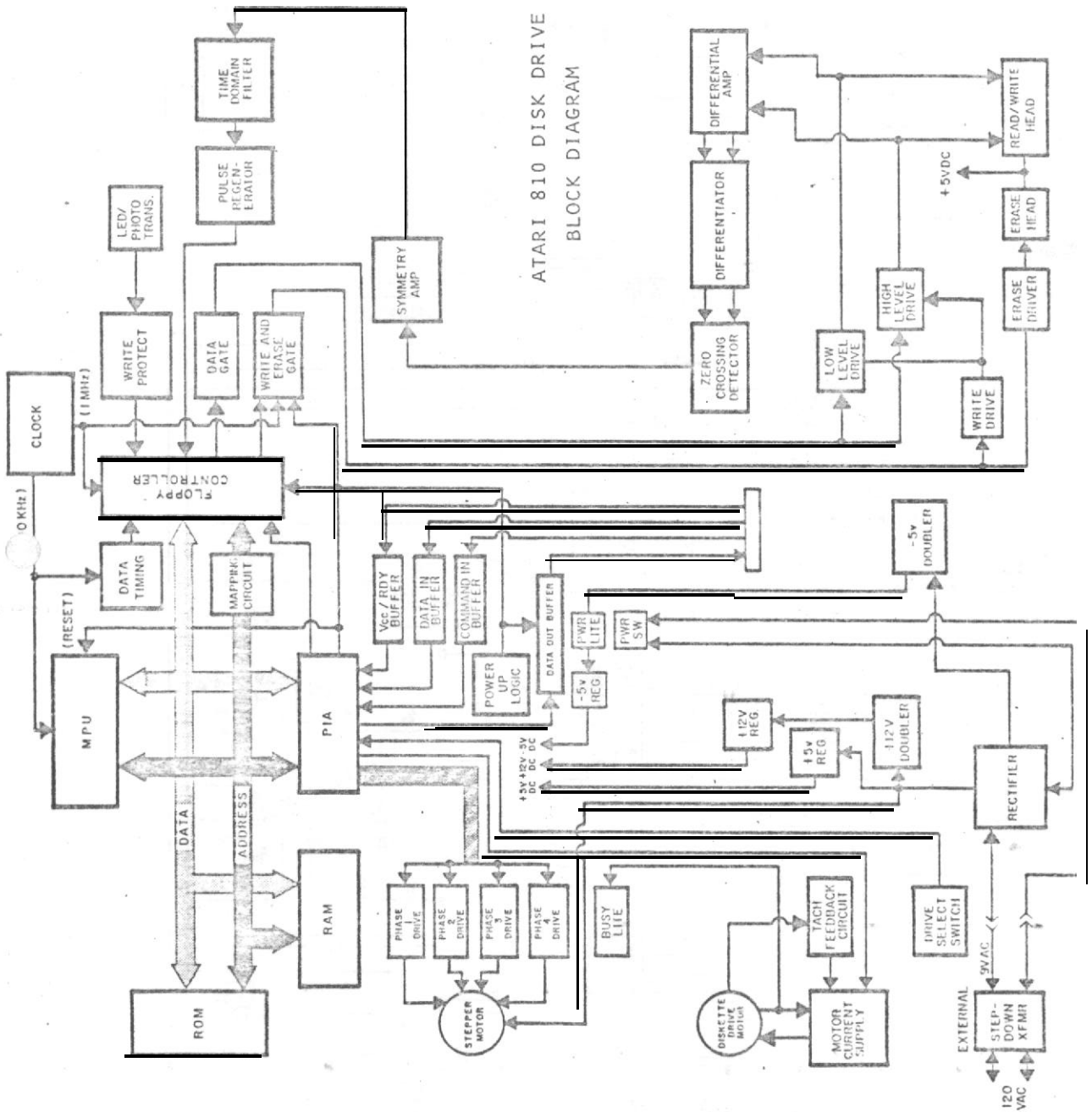
810 SIDE BOARD

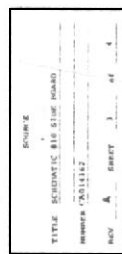
SOURCE: CA014834
2 of 2 REV 3

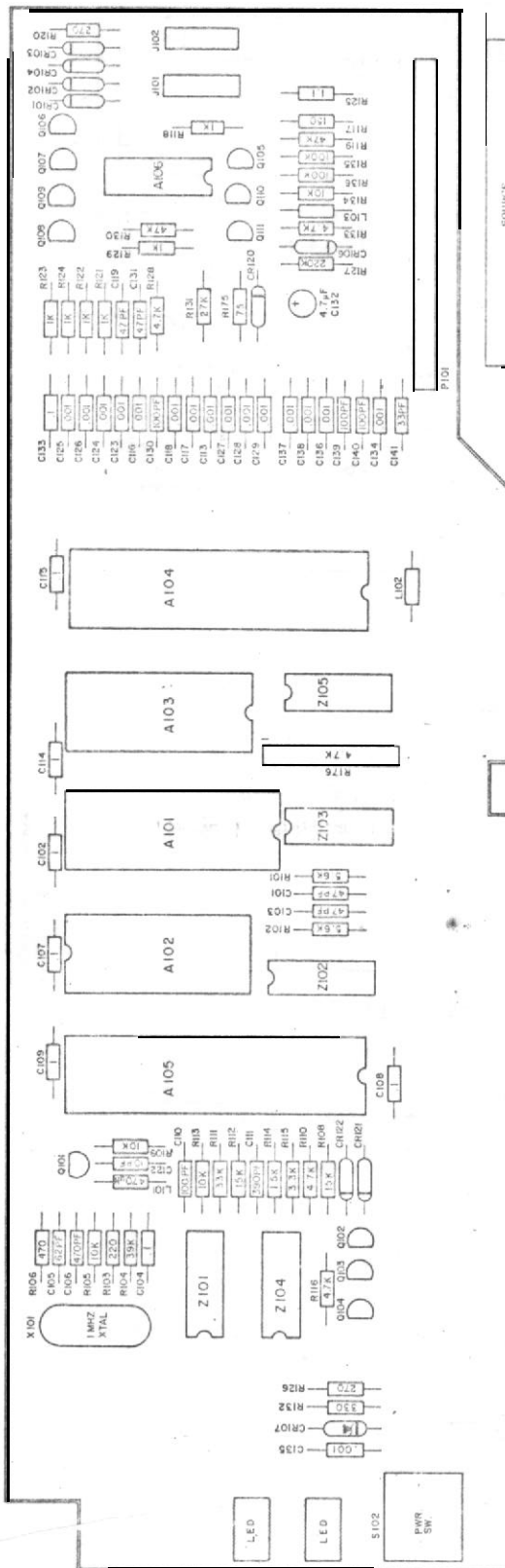
APPENDIX

Appendix A	ATARI 810 Block Diagram
Appendix B	810 Side Board Schematic
Appendix C	810 Side Board Silkscreen
Appendix D	810 Rear Board Schematic
Appendix E	810 Rear Board Silkscreen
Appendix F	810 Wiring Harness Diagram (Alternate)
Appendix G	ERROR Code Listing

A

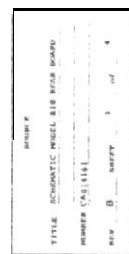




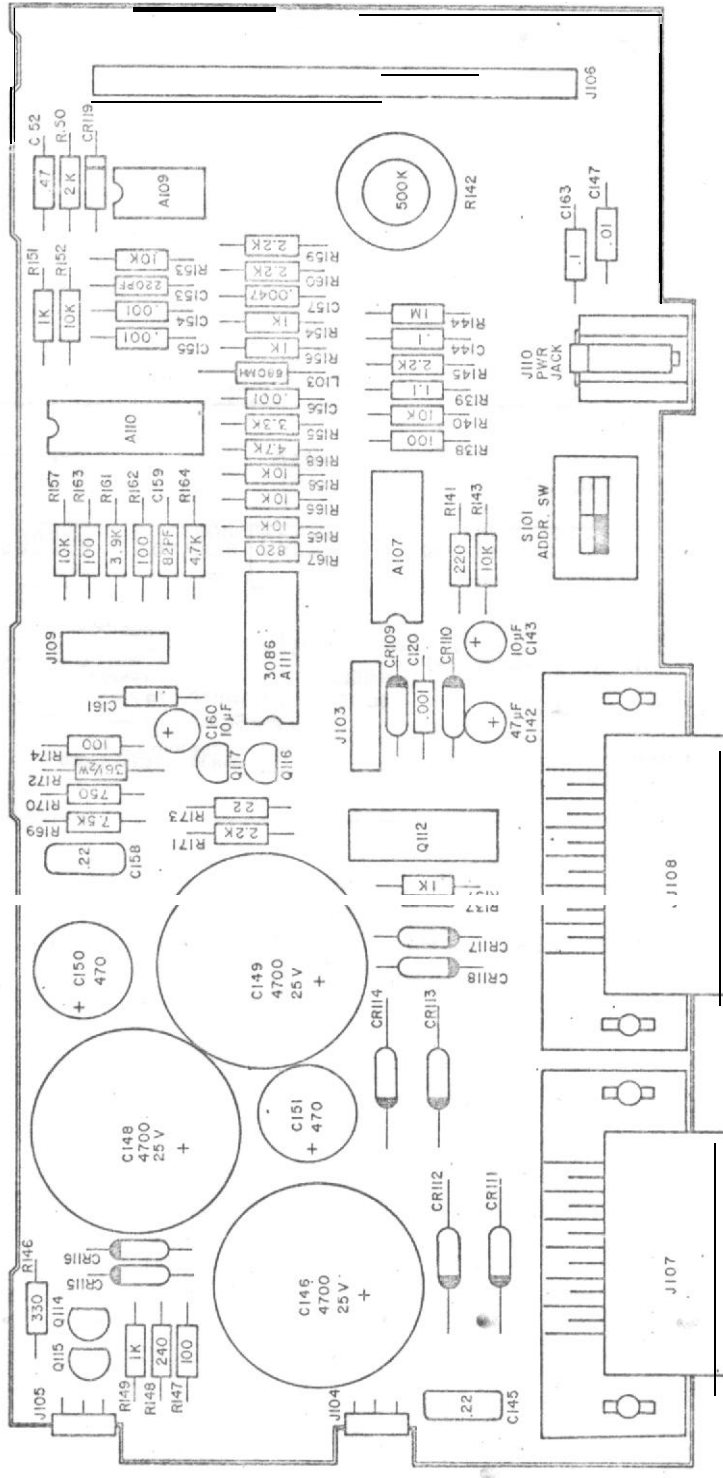


TITLE	P.C.B. SUB-ASSEMBLY
NUMBER	FLOPPY DISK BOARD
REV	A
SHEET	4 of 4

NOTE:
 1. UNLESS OTHERWISE SPECIFIED
 A. ALL CAPACITORS ARE IN μF
 B. ALL RESISTORS ARE IN OHMS, 1/4W, 5%



NOTE: *
1 UNLESS OTHERWISE SPECIFIED
(ALL) CAPACITORS ARE IN μF
(ALL) RESISTORS ARE IN OHMS. 1/4W.5%



SOURCE

TITLE P.C.B. SUB-ASSEMBLY

FLOPPY REAR BOARD

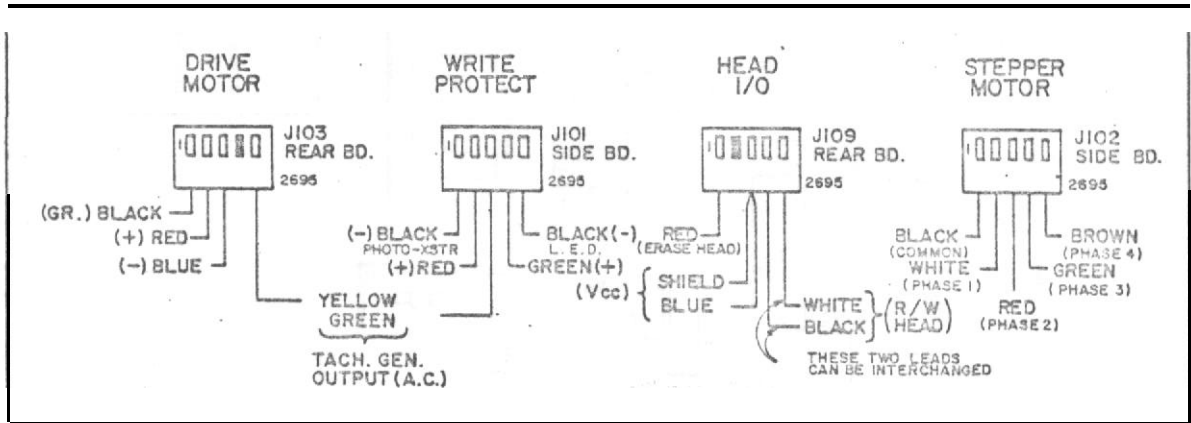
NUMBER CA014161

REV B SHEET 4 of 4

NOTES:

- UNLESS OTHERWISE SPECIFIED
 - ALL CAPACITORS ARE IN μ F
 - ALL RESISTORS ARE IN OHMS, 1/4W, 5%
- BLACK SWITCH MUST BE TOWARD REAR OF BOARD

F



ALTERNATE WIRING HARNESS ARRANGEMENT

ERROR CODES

<u>ERROR CODE</u>	<u>ERROR CODE MESSAGE</u>	<u>ERROR CODE</u>	<u>ERROR CODE MESSAGE</u>
2	Memory Insufficient	142	Serial Bus Data Frame Overrun
3	Value Error	143	Serial Bus Data Frame Checksum Error
4	Too Many Variables	144	Device Done Error
5	String Length Error	145	Read After Write Compare Error
6	Out of Data Error	146	Function not Implemented
7	Number Greater then 32767	147	Insufficient RAM
8	INPUT Statement Error	160	Drive Number Error
9	Array or String DIM Error	161	Too Many OPEN Files
10	Argument Stack Overflow	162	Disk Full
11	Floating Point Overflow/ Underflow Error	163	Unrecoverable System Data I/O Error
12	Line Not Found	164	File Number Mismatch
13	No Matching FOR Statement	165	File Name Error
14	Line Too Long Error	166	POINT Data Length Error
15	GOSUB or FOR Line Deleted	167	File Locked
16	RETURN Error	168	Command Invalid
17	Garbage Error	169	Directory Full
18	Invalid String Character	170	File Not Found
		171	POINT Invalid

NOTE: The following are INPUT/OUTPUT errors that result during the use of disk drives, printers, or other accessory **devices**. Further information is provided with the auxiliary hardware.

19 LOAD Program Too Long
 20 Device Number Larger
 21 LOAD File Error
 128 BREAK Abort
 129 IOCB
 130 Nonexistent Device
 131 IOCB Write Only
 132 Invalid Command
 133 Device or File not Open
 134 BAD IOCB Number
 135 IOCB Read Only Error
 136 EOF
 137 Truncated Record
 138 Device Timeout
 139 Device NAK
 140 Serial Bus
 141 Cursor Out of Range

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