

BOARD PATCHING/POSITIONING/ALTERNATES

Board Number	Description	Page	Drawing Number	Catalogue Number	EPL Item	Patching				Alternative Board	Dedicated Position	Page
						Way	Ready	Other	Page			
1	Store Control Brd	23	68-02985 KO	B 1619	CA 55/05T CA 50/10, 11,13,14	No	No	Yes	24	No	Yes 1 of 4 ADJ Slots	23 24
2	Store Driver Brd	25	68-02944 KO	B 1620	CA 50/10, 11,13,14 CA 55/04T	No	No	No	-	No	Yes 1 of 4 ADJ Slots	25
3	Store Data Brd 8k bytes	26	68-02970 KO	B 1621	CA 50/10, 13,14 CA 55/04T	OBSELETE NOT IN USE						-
4	Core Board 8k by 1 byte	27	68-05492 K4	B 1622	CA 50/7, 10,13,14, MA 10/10	No	No	No	-	No	Yes 1 of 4 ADJ Slots	27
5	Store Data Brd 4k by 1 byte	28	63-2940 KO	B 1623	CA 50/11	OBSELETE NOT IN USE						-
6	Core Brd 4k by 1 byte	29	63-02944 KO	B 1624	CA 50/11	OBSELETE NOT IN USE						-
7	Control Brd for 2050 CPU only	30	63-03422 KO	B 1625	CA 55/01T	No	No	No	-	No	Yes	30
8	Mill Board for 2050 CPU only	31	63-02983 KO	B 1626	CA 55/02T	No	No	No	-	No	Yes	31
9	Timer Board for 2050 CPU only	32	63-02979 KO	B 1627	CA 55/01T	No	No	No	-	No	Yes	32
10	Control and Monitor unit (CHU) 2050 only	33	63-03432 KO	B 1628	CA 55/02T CA 50/40T	No	No	No	-	No	Yes	33
11	Interface Terminator brd	34	68-03333 K1	B 1629	CA 55/06T 16T,20T, CE02/02	No	No	No	-	Board 132	Yes	34
12	Channel Adpt Brd (local ext int 1 byte normal)	35	63-03020 K1	B 1630	CE 02/03	No	Yes	No	35	No	Yes	35
13	Peripheral adpt brd for 2050 only	36	63-03022 KO	B 1631	CA55/06, 16T,20T, CE02/02	No	Yes	Yes	38	No	No	36
14	Store Access dir. cont. brd Mkl Store 2050 only	37	68-04716 KO	B 1632	CA 50/20	OBSELETE NOT IN USE						-

Board Number	Description	Page	Drawing Number	Catalogue Number	EPL Item	Patching				Alternative Board	Dedicated Position	Page
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15	Interface Term. Brd for 2050 only	39	68-04864 KO	B 1633	CA 50/20 MA 15/01-08	No	No	No	-	No	Yes	39
16	Watchdog and External Interrupt	40	61-05107 KO	B 1634	PT 62/01	Yes	Yes	Yes	40	No	No	40
17	Peripheral Adpt (unterminated) 2050 only	41	63-05690 KO	B 1635	CE 02/05	No	Yes	Yes	41	No	Yes	41
18	Store/Sad Cont. Brd 2050 only	42	67-05642 KO	B 1636	MA15/01-08 MA10/01-08 CA55/12	No	No	Yes	43	No	Yes	42 43
19	Store Driver 16k Byte Mk2 store. 2050 only.	44	67-05713 KO	B 1637	CA 55/15T 12T MA 10/20	No	No	No	-	No	Yes	44
20	Store Driver 8k Byte MK2 Store. 2050 only	45	67-06097 KO	B 1638	OBSOLETE NOT IN USE							-
21	Core Stack 16k Byte Mk2 Store. 2050 only	46	67-06139 K4	B 1639	OBSOLETE NOT IN USE							-
22												
23	NOT IN USE											
24												
25	Cont. R/P IER Ticket Printer, 248 Pos Keybrd	47	63-02926 KO	B 1643	OBSOLETE NOT IN USE							-
26	Cont. Teletype, Data Dyn Tps 33 and 390 only	48	63-02928 KO	B 1644	PT 01/02 PT 02/02	Yes	Yes	No	48	Board 42	No	48
27	Controller Paper Tape Reader Facit 500 CFS	49	63-03335 KO	B 1645	PP 04/01	Yes	Yes	No	49	Conditional Board 30	No	49
28	Cont. Paper Tape Punch Data Dyn Model 1114	50	63-03321 KO	B 1646	PP 05/01, 02	Yes	Yes	No	50	No	No	50
29	NOT IN USE											
30	Cont. P/T Reader: Trend 700 or 350 Cond Facit 500	51	67-09882 KO	B 1648	PP 04/02- 04 PP 04/ 08	Yes	Yes	Yes	51	Conditional Board 27	No	51

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31	Cont. L/P 300, MDS 300 LPH Chain Only	52	63-03601 KO	B 1649	PL 01/01, 03	Yes	Yes	No	52	No	No	52	
32	Cont. Magnetic Disc 160 Singer	53	NO LONGER IN USE NOT SUPPORTED BY FIELD SERVICE										
33	Cont. C/R MDS 400 Doc 600 and 285	54	61-04724 KO	B 1651	PC01,02, 03/01 & 02/02	Yes	Yes	No	54	No	No	54	
34	Cont. M/T 9 track operating in NRZ Not EMC use	55	67-04813 KO	B 1652	PA 01/04	Yes	Yes	No	55	Board 88	1 of 2 Adjacent Slots	55	
35	Cont. Mag. Tape 9 track operating in NRZ	55	67-04816 KO	B 1653	PA 01/04, 05	No	No	No	-	No	1 of 2 Adjacent Slots	55	
36	Cont. Cart. Disc MK1 Drico A. Not suit for 4060/EMC	56	67-05430 KO	B 1654	PD 03/05	Yes	Yes	Yes	56	Boards 49 & 50 OR	1 of 2 Adjacent Slots	56	
37	Cont. Cart. Disc MK1 Drico A. Not suit. for 4060/EMC	56	67-05486 KO	B 1655	PD 03/05	No	Yes	No	56	Boards 210 and 211	1 of 2 Adjacent Slots	56	
38	Cont. Knitting Machine A.	57	NOT SUPPORTED BY FIELD SERVICE										
39	Cont. Knitting Machine B	57	NOT SUPPORTED BY FIELD SERVICE										
40 & 41	NOT IN USE												
42	Cont. Teleprinter Compatible Device	58	67-06320 KO	B 1660	PT 02/03	Yes	Yes	Yes	58	Conditional Board 26	No	58	
43	Dig I/O Brd may also be used as cont. for Minicet	59	67-06381 KO for Cont. MI 77/0187	B 1661	PF 01/01	Yes	Yes	Yes	59/60	Conditional Yes	Conditional Yes	59, 60 & 60A	
43/1	Dig I/O Timing Change See MI 79/0669	59	67-06381 KO	B 1661	PF 01/01	Yes	Yes	Yes	59/60	No	Conditional Yes	59, 60 & 60A	
44	Cont. HPT Disc (Drum) PPL or Vermont or EMC use	61	67-06425 KO	B 1662	PD 05/11 PD 09/11	Yes	Yes	Yes	61/62	No	1 of 3 Adjacent Slots	61 & 62	

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45	Cont. HPT Disc (Drum) PPL or Vermont or EMC use	63	67-06429 KO	B 1663	PD05/11 PD09/11	No	No	No	-	No	1 of 3 Adjacent Slots	63
46	Cont HPT Disc (Drum) PPL only	64	67-06433 KO	B 1664	PD 05/11	No	No	Yes	64	No	1 of 3 Adjacent Slots	64
47	Cont. L/P MDS 600 LPM Chain Printer only	65	67-06463 KO	B 1665	PL 02/03	Yes	Yes	No	65	No	No	65
48	Cyclic Redundancy checking unit (CRC)	66	63-06587 KO	B 1666		OBSOLETE NOT IN USE						
49	Cont. Cart. Disc Drico A. Not for 4060 or EMC	67	67-06693 KO	B 1667	PD 03/06, 16	Yes	Yes	Yes	67	Boards 36 and 37	1 of 2 Adjacent Slots	67
50	Cont. Cart. Disc Drico ... No for 4060 or EMC	67	67-05698 KO	B 1668	PD 03/06, 16	No	Yes	No	67	OR Boards 210 and 211	1 of 2 Adjacent Slots	67
51	Cont. L/P (Drum) Data Prod 300, 600 and 1200	68	67-06895 KO	B 1669	* See below	Yes	Yes	Cond. Yes	68	No	No	68
52W	Cont. Card Punch (Mod Digital I/O Brd)	NI	67-06381 KO + M176/0087	OBSOLETE								
53	Controller Low Cost R.J.E	69	67-07957 KO	B 1671		OBSOLETE NOT IN USE						
54	NOT IN USE											
55	Cont Mag Tape 7 track ICL or SE Labs for EMC use	70	67-08204	B 1673	PA 03/04	Yes	Yes	No	70	No	1 of 2 Adjacent Slots	70
56	Cont Mag. Tape 7 Track ICL or SE Labs for EMC use	70	67-08206 KO	B 1674	PA 03/04	No	No	No	70	No	1 of 2 Adjacent Slots	70
57	Cont LHHD CDC 35, 70 or 270 Mb	71	67-09092 KO	B 1675	PD 07/05 06 PD07/ 12	Yes	Yes	Yes	71	No	1 of 2 Adjacent Slots	71
58	Cont. LHHD CDC 35 70 or 270 Mb	71	67-09093 KO	B 1676	PD 07/05	No	No	Yes	71	Conditional Brd 89 and 71	1 of 2 Adjacent Slots	71

*PLO4/03, PLO5/03, 04, PL03/03, PL14
03, 04, PL15/03, 04

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59 60 & 61	NOT IN USE											
62	Cont. HPT Drum 50 Hz, Vermont for EMC use	72	67-09010 KO	B 1680	PD 09/11	No	No	Yes	72	Conditional Board 73	1 of 3 Adjacent SLOTS	72
63	Cont. M/T 9 track PE mode ICL or SE Labs. EMC use	73	67-09455 KO	B 1681	PA 05/04	No	No	No	-	No	1 of 2 Adjacent SLOTS	73
64	NOT IN USE											
65W	GEC 4000-ICL 1900 Interface Matching Unit	74	67-09600 KO	B 1683	PF 08/01	Yes	Yes	No	74	No	1 of 2 Adjacent SLOTS	74 & 74A
66W	GEC 4000-ICL 1900 Interface Matching Unit	74	67-09871 KO	B 1684	PF 08/01	Yes	Yes	No	74	No	1 of 2 Adjacent SLOTS	74 & 74A
67	NOT IN USE											
68	Dig I/O mod. for P.O. Mac Sys. & Seat Reservations	75	67-06381 KO + MI 77/240	B 1686	PF 01/01	Yes	Yes	Yes	75	Conditional Yes	No	75
69 & 70	NOT IN USE											
71	Cont. LMHD 275Mb CDC Model 9766	76	67-11788 KO	B 1689	PD 07/12	No	No	Yes	-	SEE DESC. Page 76	1 of 2 Adjacent Slots	76
72W	Cont. Versatec Printer Plotter	77	67-12530 KO	B 1760	PX 03/01	Yes	Yes	Yes	78	BRD 277	No	77 & 78
73	Cont. HPT Drum 60 Hz 1,2 or 4Mb for EMC use	79	67-13275 KO	B 1691	PD 09/21	No	No	Yes	79	Conditional Board 62	1 of 3 Adjacent Slots	79
74	NOT IN USE											
75	Asynchronous Modem Int. Half Duplex	80	63-03047 KO	B 1693	* See below	Yes	Yes	Yes	80/92	Conditional Board 85	No	80 to 92

* PT 21/01,03,07,09
PT 21/11,13

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76	Syn. Single Chan Modem Int. Half Duplex	93	63-03051 KO	B 1694	PF 22/01, 03	Yes	Yes	Yes	93/101	No	No	93 to 101
77	16 Channel Control Board	102	63-04709 KO	B 1695	PT 41/01 PT 43/01	No	No	Yes	102	No	1 of 5 Adjacent Slots	102
78	Interface Cont. Brd	103	63-04901 KO	B 1696	PT 41/01	Yes	Yes	Yes	103	No	1 of 5 Adjacent Slots	103
79	Scan Cont. Brd	104	63-04898 KO	B 1697	PT 41/01	No	No	Yes	104/ 132	No	1 of 5 Adjacent Slots	104 to 132
79/1	Scan Cont. Brd modify for Prestel operation	133	63-04898 KO + MI 78/0488	B 1759	PT 41/01	No	No	Yes	133	No	1 of 5 Adjacent Slots	133
80	Data Control Brd	134	63-04895 KO	B 1698	PT 41/01	No	No	Yes	134	No	1 of 5 Adjacent Slots	134
81	Controller Auto Dial	135	67-07100 KO	B 1699	PT 23/01 -03	No	No	No	-	No	1 of 2 Adjacent Slots	135
82	Cont. Auto Dial I/O	135	67-07117 KO	B 1700	PF 23/01 -03	Yes	Yes	Yes	135	No	1 of 2 Adjacent Slots	135
83 & 84	NOT IN USE											
85	Controller Asynchronous Peripheral	136	63-03047 KO + MI 78/0541	B 1703	PT 21/15	Yes	Yes	Yes	136	Conditional Board 75	No	136
86 & 87	NOT IN USE											
88	Cont. M/T 9 Track ICL, SE Labs or Pertec EMC use	137	67-09729 KO	B 1706	* See below	Yes	Yes	No	137	Conditional Board 34 or 288	1 of 2 Adjacent Slots	137
89	Cont. LMHD CDC 35 MByte	138	67-12614 KO	B 1707	PD 07/06	No	No	Yes	138	Conditional Board 58 or 71/3	1 of 2 Adjacent Slots	138
90 90W	Cont. Floppy Disc Shugart	139	67-10379 JI	B 1708	PD 11/06 07	Yes	Yes	Yes	139/141	No	No	139 to 141

* PA01/05, PA05/04, PA07/04, PA08/04
PA 09/04

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95	Cont. M/T NHZ or PE Mode Suitable for EMC use	147	67-10918 KO	B 1713	PA 07/04 PA 09/04	No	No	No	-	No	1 of 2 Adjacent Slots	147
96/1	1 MHz Cont 12 Chan Comm's Extn	148	67-11132 KO	B5081	XB02/01	No	No	No	-	No	1 of 2 Adjacent Slots	148 & 149
96/3	2 MHz Cont 12 Chan Comm's Extn	148	67-11132 KO	B 5083	XB 02/01	No	No	No	-	No	1 of 2 Adjacent Slots	148 & 149
96/4	12 Chann Asy. Comms Cont. Ext. (Type 3)	148	67-11132 KO	B5084	XB02/01	No	No	No	-	No	1 of 2 Adjacent Slots	148 & 149
98	Cont Winch Dev. with SMD Type I/F (Currently Lark)	149A	67-51073 KO	B 1716	PD 12/01	Yes	Yes	No	149A	No	1 of 2 Adjacent Slots	149A to 149C
99	Cont Winch Dev. with SMD Type I/F (Currently Lark)	149A	67-51081 KO	B 1717	PD 12/01	No	No	No	149A	No	1 of 2 Adjacent Slots	149A to 149C
100	Rom 1024 Broad	150	63-04317 KO	B 1718	A11 4080 & 4070	No	No	No	-	No	Yes	150

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101	Rom Address 1024 Brd	151	63-04999 KO	B 1719	All 4080 & 4070	No	No	No	-	No	Yes	151
102	Control A Brd	152	63-04096 KO	B1720	All 4080 & 4070	No	No	No	-	No	Yes	152
103	Control B Brd	153	63-04099 KO	B1721	All 4080 & 4070	No	No	No	-	No	Yes	153
104	Arithmetic Brd	154	63-04009 KO	B 1722	All 4080 & 4070	No	No	No	-	No	Yes	154
105	Main Register Brd	155	63-03877 KO	B 1723	All 4080 & 4070	No	No	No	-	No	Yes	155
106	Shifter Brd	156	63-03879 KO	B 1724	All 4080 & 4070	No	No	No	-	No	Yes	156
107	Exponent Brd	157	63-04169 KO	B 1725	CB 80/01, 02	No	No	Yes	157	Board 183	Yes	157
108	Address Mapping Unit (AMU)	158	63-03881 KO	B 1726	CB 80/01, 02 CB 70/03-05	No	No	No	-	Conditional Board 141	Yes	158
109	Instruction Decode	159	63-04094 KO	B 1727	All 4080 & 4070	No	No	No	-	No	Yes	159
110	Cont. and Mon. Board	161	63-04604 KO	B 1728	CB 80/01, 02.CB 70/03-05	No	No	No	-	No	Yes	160
111	Timer Board	161	63-03673 KO	B 1729	CB 80/01, 02	No	No	Yes	161	See Board Description Page	Yes	161
112	Basic Multiplex Chan (BMC) Cont. Board	162	63-03611 KO	B 1730	CB 80/01, 02 CB 70/03-05	No	No	No	-	Conditional Board 144	Yes	162
113	Basic Multiplex Chan. Register 2 Brd.	163	63-03594 KO	B 1731	All 4080 & 4070	No	No	Yes	163	No	Yes	163
114	Basic Multiplex Chan Reg. 1 Brd	164	63-03592 KO	B 1732	All 4080 & 4070	No	No	No	-	No	Yes	164

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115	Data Loop Board	165	68-04118 KO	B 1733	CB 82/01-03 CB 82/11,12	No	No	No	-	No	Yes	165
116	Store Word Driver Board	166	68-04185 KO	B 1734	CB 82/01-03 CB 82/11,12	No	No	No	-	No	Yes	166
117	Voltage Reg. Brd	167	68-04719 KO	B 1735	CB 82/01-03, CB82/11,12	No	No	No	-	No	Yes	167
118	Store Cont. Brd	168	68-04260 KO	B 1736	CB 82/01-03 CB82/11,12	No	No	No	-	No	Yes	168
119	Core Stack Brd	169	68-05769 K4	B 1737	CB 82/01-03 CB 82/11,12	No	No	No	-	No	Yes	169
120	Store Port "A" Brd	170	63-04163 KO	B 1738	CE 04/01, CE 05/01, 02	No	No	Yes	170	No	Yes	170 & 170A
121	Store Link "B" Brd	171	68-04208 KO	B 1739	CE 04/01, 03	No	No	No	-	No	Yes	171
122	NOT IN USE											
123	"											
124	"											
125	"											
126	"											
127	Interval Timer	172	63-05172 KO	B 1745	CB 87/01	Yes	Yes	No	172	Board 182	See Board Description	172
128	Chan Adaptor Intermediate Link	173	67-05721 KO	B 1746	CE 03/02-07	No	Yes	Yes	173	No	See Board Description Page	173

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129	Peripheral Adapt Intermediate Link	174	67-05726 KO	B 1747	CE03/02, 06	No	No	Yes	174	Conditional Board 181	See Board Description Page	174
130	EMC/EDC/ECC Mill Board	175	63-06219 KO	B 1748	CB88/01, 11	No	No	Yes	175/176	No	Yes	175 & 176
131	EMC/EDC/ECC Timer and Cont. Brd	177	63-06280 KO	B 1749	CB88/01, 11	No	No	Yes	177/178	No	Yes	177 & 148
132	Term. Brd for Intermediate Link	179	67-06528 K1	B 1750	CB03/02, 06	No	No	No	-	No	Yes	179
133	Store Port "B" Brd (non-inter-leaving port)	180	67-07301 KO	B 1751	CE04/02-04 CE05/03	No	No	Yes	180/181	Conditional See Desc. Page	Yes	180 & 181
134	Store Module 32K Bytes	182	67-07377 KO	B 1752	CB 72/03	No	No	No	-	No	Yes	182
135	Store Priority Terminator	183	67-07371 KO	B 1753	CB 72/06	No	No	Yes	183	Board 168	Yes	183
136	NOT IN USE											
137	EDC Store Link Board	184	67-09234 KO	B 4937	CE 04/04, 06, 09	No	No	No		Conditional See Desc. Page	Yes	184
138	Timer Board	185	67-09808 KO	B 4938	CE 70/03 05	No	No	No		Conditional See Desc. Page	Yes	
139	Store Link Board	186	67-09239 KO	B 4939	CE 04/02 05, 08	No	No	No		No	Yes	186
140	Store Port Board	187	67-09399 KO	B 4940	CE 04/05, 06, CE05/04	No	No	Yes	187/188	Conditional See Desc. Page	Yes	187 & 188
141	Address Mapping Unit (AMU)	189	67-09297 KO	B 4941	CB 70/01, 02, 06	No	No	No	-	No	Yes	189
142	Control and Monitor Unit (CHU)	190	63-09300 KO	B 4942	CB70/01, 02, 06	No	No	No	-	No	Yes	190

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171 to 173	NOT IN USE											
174	NOT IN USE											
175	NOT IN USE											
176	NOT IN USE											
177	NOT IN USE											
178	NOT IN USE											
179	NOT IN USE											
180	NOT IN USE											
181	Per.Adaptor Link B (unterminated)	198	67-06988 KO	B 4981	CE03/03, 07	No	No	Yes	198	No	Yes	198
182	Interval Timer	199	67-09394 KO	B 4982	CB87/02	Yes	Yes	No	199	Board 127	No	199
183	Exponent Board	200	67-09958 KO	B 4983	CB 70/01 -06	No	No	Yes	200	Conditional Board 107	Yes	200
184	NOT IN USE											
185	I/O Proc.(I.O.P.) Window Select Brd	201	67-11406 KO	B 4985	PF01/02	Yes	Yes	Yes	201 - 202	No	Yes	201 & 202
186	Command Int. Ext. (C.I.E) Brd "A"	203	67-1164 KO	B 4086	CE 10/01	No	No	Yes	203 - 204	No	Yes	203 & 203A

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214	NOT IN USE											
215	NOT IN USE											
216	NOT IN USE											
217 W	4000K PORT BRD		PROTOTYPE - INFORMATION ONLY									
218	NOT IN USE											
219	NOT IN USE											
220 W	4000K PORT BOARD		PROTOTYPE - INFORMATION ONLY						NOT ISSUED			
221 W	4000K STORE ACCESS		PROTOTYPE - INFORMATION ONLY						NOT ISSUED			
222	NOT IN USE											
223 W	MONITOR AND CONT. BOARD		PROTOTYPE - INFORMATION ONLY						NOT ISSUED			
224 W	4000K SEQUENCER BOARD		PROTOTYPE - INFORMATION ONLY						NOT ISSUED			
225 W	4000 INSTRUCTION DECODE		PROTOTYPE - INFORMATION ONLY						NOT ISSUED			
226	NOT IN USE											
227 W	MILLS BOARD		PROTOTYPE - INFORMATION ONLY									

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242												
243												
244												
245	MONITOR AND CONTROL BOARD	245	85-50040 KO	B 5245	CB61/01, 02	No	No	Yes	245 247	See Desc. Page	Yes	245 to 247
246			NOT ISSUED									
247	WINDOW ADDRESSING		NOT ISSUED									
W	CACHE		NOT ISSUED									
249 W	INPUT/OUTPUT PORT		NOT ISSUED									
250 W	STORE ACCESS		NOT ISSUED									
251 W	CONTROL BOARD		NOT ISSUED									
252 W	MCU BOARD		INFORMATION ONLY					NOT ISSUED				
253 W	REGISTERS BOARD		INFORMATION ONLY					NOT ISSUED				
254 W	MILLS BOARD		INFORMATION ONLY					NOT ISSUED				
255 W	MULTIPLIERS BOARD		INFORMATION ONLY					NOT ISSUED				

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256	COMPACT STORE LINK		85-50456				NOT ISSUED					
257	ADDRESSING LINK WINDOW	259	85-50419KO	B 5257	CB98/01	YES	NO	NO	259	NO	Qualified NO	259
258	CACHE	260	85-50415KO	B 5258	CB90/01	NO	NO	YES	260	Conditional YES	YES	260 & 261
259	IOP PORT	262	85-50399KO	B 5259	CB98/01	NO	NO	NO	-	NO	YES	262 & 263
260	ACCESS STORE	264	85-50407KO	B 5260	CB90/01	NO	NO	YES	264	NO	YES	264
261	CONTROL	265	85-50411KO	B 5261	CB90/01	NO	NO	YES	265	NO	YES	265 to 268
262	MONITOR AND CONTROL UNIT BOARD (MCU)	269	85-50396KO	B 5262	CB90/01, 02, 03, 04	NO	NO	YES	269A 274	NO	YES	269 to 274
263	REGISTERS BOARD	275	85-50391KO	B 5263	CB90/01, 02, 03, 04	NO	NO	YES	275	YES	YES	275
264	MILLS BOARD	276	85-50387KO	B 5264	CB90/01	NO	NO	NO	-	NO	YES	276
265	MULTIPLIER FAST OPTION	277	85-50403 KO	B 5265	CB 90/01	No	No	No	-	No	YES	277
266 W	IOP		85-50500 KO		PROTOTYPE ONLY							
267 W	CACHE				PROTOTYPE ONLY							
268 W	CONTROLLER STORE				PROTOTYPE ONLY							
269	STORE LINK				PROTOTYPE ONLY							

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						Way	Ready	Other	Page			
284	DETAILS NOT RELEASED											
285	DETAILS NOT RELEASED											
286	DETAILS NOT RELEASED											
287	DETAILS NOT RELEASED											
288	Cont Mag. Tape (8800) suit EMC op. NRZ & PE	302	85-51444 KO	B5288	PA09/04	Yes	Yes	No	302	Conditional Yes	1 of 2 ADJACENT SLOTS	302
289	DETAILS NOT RELEASED											
290	1Mb S-C Memory Module Module suit 4180/4190	304	85-51480 KO	B5290	CB93/01	No	No	No	-	No	QUALIFIED Yes	304
291	STORE CONTROLLER BOARD	305	85-51310 KO	B5291	CB98/03, 04	No	No	Yes	305	No	Yes	305 & 305A
292	DETAILS NOT RELEASED											
293	FMC WINDMILL	308	85-51328 KO	B5293	CB98/03	No	No	No	-	No	Yes	308 to 308G
294	FAST MULT CHAN CONTROL (FMC)	309	85-51334 KO	B5294	CB98/03	No	No	Yes	309A 309D	No	Yes	309 to 309D
295	DIRECT M/A CHAN (DMA)	310	85-51544 KO	B5295	CB89/01, 02, 03	No	No	Yes	310 310C	No	QUALIFIED Yes	310 to 309D
296	DETAILS NOT RELEASED											310 to 310C
297	DUAL I/O PORT BRD	312	85-51339 KO	B5297	CB98/05	No	No	Yes	312	No	Qualified Yes	312

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						Way	Ready	Other	Page			
298	DETAILS NOT RELEASED											
299	DETAILS NOT RELEASED											
300	DETAILS NOT RELEASED											
301	DETAILS NOT RELEASED											
302	DETAILS NOT RELEASED											
303	S/C S/M 256Kb FOR USE ON 4160 AND 4150	317	85-51639 KO	B5303	CB73/02	No	No	Yes	317 319	Qualified Brd 304	Yes	317 to 319
304	S/C STORE MODULE 512Kb for use on 4060, 4160 & 4150	320	85-51647KO	B 5304	CB73/03	NO	NO	YES	320 322	Qualified 303	YES	320 to 322
305	CONTROL BOARD	323	85-51635KO	B 5305	CB60/02, CB62/01	NO	NO	NO	-	NO	YES	323
306	DMAD PORT BOARD	324	85-51971KO	B 5306	CB89/03	NO	NO	NO	-	406	Qualified YES	324
307	FLOATING POINT ACCELERATOR	325	85-52284KO	B 5307	CR11/01	-	-	-	-	NO	YES	325
308	NORMAL INTERFACE SECONDARY PROCESSOR	326	85-51915KO	B 5308	CR72/11	-	-	-	326B	NO	YES	326 TO 326B
309	PROCESSOR 2		85-54114KO	B 5309	CR10/01		NOT	ISSU				
310	PROCESSOR 1		85-54113KO	B 5310	CR10/01		NOT	ISSU				
311	MEMORY CONTROLLER BOARD		85-54112KO	B 5311	CR10/01		NOT	ISSU				

Board Number	Description	Page	Drawing Number	Catalogue Number	EPL Item	Patching				Alternative Board	Dedicated Position	Page
						Way	Ready	Other	Page			
312	MEMORY BOARD	337	85-54115KO	B 5312	CR50/01	NO	NO	NO		397 4MB	NO	337
313	RIGID DISC CONTRL		85-54119KO	B 5313	CR70/01		NOT	ISSU				
314	STREAMING TAPE CONTROLLER		85-54116KO	B 5314	RA01/02		NOT	ISSU				
315	DETAILS NOT RELEASED				NOT ISSUED							
316	P.R.O.M. BOARD		85-52911KO	B 5316	CR60/01		NOT	ISSU				
317	L.S. MULTIPLEXER	342	85-54117KO	B 5317	CR71/01	-	-	-	326B	NO	YES	342 TO 342B
318	COMMS CONTROLLER	343	85-54118KO	B 5318	RX01/01	-	-	-	326B	NO	NO	343
319	DETAILS NOT RELEASED				NOT ISSUED							
320	DETAILS NOT RELEASED				NOT ISSUED							
321	SINGLE HIGH SPEED COMMS LINK	346	85-51735KO	B 5321	XB04/01	NO	NO	YES		NONE	YES	346 to 346B
322	DETAILS NOT RELEASED				NOT ISSUED							
323	DETAILS NOT RELEASED				NOT ISSUED							
324	HPM CONTROLLER	349	85-51887KO	B 5324	PA11/04	YES	YES	YES		NO	NO	349
325	STORE PORT CONTROL BOARD	350	85-52328KO	B 5325	CB90/04, 06	NO	NO	NO	-	Conditional YES	YES	350, 350A

BOARD PATCHING/POSITIONING/ALTERNATES

Board Number	Description	Page	Drawing Number	Catalogue Number	EPL Item	Patching				Alternative Board	Dedicated Position	Page
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326	DETAILS NOT RELEASED				NOT ISSUED							
327	DETAILS NOT RELEASED				NOT ISSUED							
328	GEC/IBM INTERFACE	353	85-52257KO	J 5328	PF09/01	NO	NO	YES	353A	NONE	Conditional YES	353 A&B
329	GEC/IBM INTERFACE	354	85-52261KO	B 5329	PF09/01	NO	NO	NO	-	NONE	Conditional YES	354
330	ETHERNET CONTRL.	355	85-52456KO	B 5330	YB01/01	NO	NO	YES	355A	338	Adjacent Slots	355 to 355D
331	MULTIBUS MOTHERBRD	356	85-53076KO	B 5331	YB01/01	NO	NO	YES		AS ABOVE	AS ABOVE	356 & 356A
332	WINCHESTER DISC CONTROLLER		85-52870KO	B 5332	PD 14/01			NOT	ISSU			
333	DETAILS NOT RELEASED				NOT ISSUED							
334	MILL BOARD (PROCESS MONITOR)	359	85-52823KO	B 5334	MP02/01	NO	NO	YES		Conditional YES	YES	359A 359A
335	CONTROLLER 'A' LMHD CDC 35, 70 OR 270 Mb	360	85-52866KO	B 5335	PD07/15, 16, 17	YES	YES	YES	360	Conditional YES	1 of 2 ADJACENT SLOTS	360
336	CONTROLLER 'B' LMHD CDC 35, 70 OR 270 Mb		85-52867KO	B 5336	PD07/15, 16, 17	NO	NO	YES	361	Conditional YES	1 of 2 ADJACENT SLOTS	361
337	DETAILS NOT RELEASED				NOT ISSUED							
338	SINGLE BOARD ETHERNET CONTROLLER	363	85-54326KO	B 5338	YB01/02	NO	NO	YES		Conditional YES	YES	363 to 363D
339	PERIPHERAL ADAPTER INTER-MEDIATE LINK	364	85-53067KO	B 5339	CE03/08 CR72/03	NO	NO	YES	364	Conditional YES	See board description page	364
340	DETAILS NOT RELEASED				NOT ISSUED							

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						Way	Ready	Other	Page			
341	DETAILS NOT RELEASED				NOT ISSUED							
342	DETAILS NOT RELEASED											
343	DETAILS NOT RELEASED											
344	DETAILS NOT RELEASED											
345	MONITOR AND CONTROL UNIT	370	85-52342 KO	B5345	CB61/03, 04 CB60/ 03	NO	NO	YES	370 370B	Conditional Yes	Yes	370 to 370B
346	DETAILS NOT RELEASED											
347	DETAILS NOT RELEASED											
348	DETAILS NOT RELEASED											
349	DETAILS NOT RELEASED											
350	MEMORY CONTROLLER	375	85-53347 KO	B 35350	CR10/03	-	-	-	-	NO, USE SET 350,361&362	YES	375
351	PWA PROCESSOR I		85-53355 KI	B5351	CR10/03		NOT	ISSU				
352	PWA PROCESSOR II		85-53363 KI	B5352	CR10/03		NOT	ISSU				
353	DETAILS NOT RELEASED											
354	DETAILS NOT RELEASED											

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355	DETAILS NOT RELEASED											
356	DETAILS NOT RELEASED											
357	DETAILS NOT RELEASED											
358	DETAILS NOT RELEASED											
359	DETAILS NOT RELEASED											
360	DETAILS NOT RELEASED											
361	PROCESSOR 1	386	85-53281 KO	B5361	CR10/02	-	-	-	-	NO, USE SET 350,361&362	YES	386
362	PROCESSOR 2	387	85-53285 KO	B5362	CR10/02	-	-	-	-	NO, USE SET 350,361&362	YES	387 TO 387A
363	DETAILS NOT RELEASED											
364	DETAILS NOT RELEASED											
365	DETAILS NOT RELEASED											
366	DETAILS NOT RELEASED											
367	DETAILS NOT RELEASED											
368	NOT ISSUED											

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369	NOT ISSUED											
370	CL WATCHDOG		83-16078 KO	B5370	XB05/01		NOT ISSUED					
371	CL X 25 CONTRL.		83-16079 KO		XB05/02		NOT ISSUED					
372	CL AUTO DIAL SINC		83-16080 KO	B5372	XB05/03		NOT ISSUED					
373	CL AUTO DIAL		83-16081 KO	B5373	XB05/04		NOT ISSUED					
374	CL V11 4 CHAN		83-16082 KO	B5374	XB05/05		NOT ISSUED					
375	GPSP BOARD FOR GENERAL PURPOSE USE.	400	85-53597 KO	B5375	CR73/03	-	-	-	-	NONE	YES	400
376	GPSP FOR EXCELAN AND INTERLAN BRDS	401	85-53601 KO	B5376	CR73/02, AND 04	-	-	-	-	NONE	YES	401 TO 401F
377	NOT ISSUED											
378	NOT ISSUED											
379	NOT ISSUED											
380	NOT ISSUED											
381	NOT ISSUED											

