

STANDARDS CODE	CIRCUIT AND PACKAGING STANDARD	SYM	DATE	CHANGE NO	TECH APPRO	SYM	DATE	CHANGE NO	TECH APPRO	DEVELOPMENT NO	G/M
2-6240			12 AUG 64	DEV 3727							
CARD CODE	APPROVAL	DATE	6 OCT 64	DEV 3727							
4825	GHM	28 JUL 64	10 JUL 65	164632A						5804825	
			12 JAN 68	173282B							

SHEET 7 OF 7

28DLI

DELAY NS	DELAY LINE (5-125 NS)	JUMPER POSITIONS (PINS)
5	12-3	2-1
10	12-5	4-1
15	12-5	4-3, 2-1
20	12-7	6-1
25	12-7	6-3, 2-1
30	12-7	6-5, 4-1
35	12-7	6-5, 4-3, 2-1
40	12-9	8-1
45	12-9	8-3, 2-1
50	12-11	10-1
55	12-11	10-3, 2-1
60	12-11	10-5, 4-1
65	12-11	10-5, 4-3, 2-1
70	12-11	10-7, 6-1
75	12-11	10-7, 6-3, 2-1
80	12-11	10-7, 6-5, 4-1
85	12-11	10-7, 6-5, 4-3, 2-1
90	12-11	10-9, 8-1
95	12-11	10-9, 8-3, 2-1
100	12-11	10-9, 8-5, 4-1
105	12-11	10-9, 8-5, 4-3, 2-1
110	12-11	10-9, 8-7, 6-1
115	12-11	10-9, 8-7, 6-3, 2-1
120	12-11	10-9, 8-7, 6-5, 4-1
125	12-11	10-9, 8-7, 6-5, 4-3, 2-1

29DLI

DELAY NS	DELAY LINE (5-125 NS)	JUMPER POSITIONS (PINS)
5	24-15	14-13
10	24-17	16-13
15	24-17	16-15, 14-13
20	24-19	18-13
25	24-19	18-15, 14-13
30	24-19	18-17, 16-13
35	24-19	18-17, 16-15, 14-13
40	24-21	20-13
45	24-21	20-15, 14-13
50	24-23	22-13
55	24-23	22-15, 14-13
60	24-23	22-17, 16-13
65	24-23	22-17, 16-15, 14-13
70	24-23	22-19, 18-13
75	24-23	22-19, 18-15, 14-13
80	24-23	22-19, 18-17, 16-13
85	24-23	22-19, 18-17, 16-15, 14-13
90	24-23	22-21, 20-13
95	24-23	22-21, 20-15, 14-13
100	24-23	22-21, 20-17, 16-13
105	24-23	22-21, 20-17, 16-15, 14-13
110	24-23	22-21, 20-19, 18-13
115	24-23	22-21, 20-19, 18-15, 14-13
120	24-23	22-21, 20-19, 18-17, 16-13
125	24-23	22-21, 20-19, 18-17, 16-15, 14-13

53DLI

DELAY NS	DELAY LINE (5-125 NS)	JUMPER POSITIONS (PINS)
5	44-35	34-33
10	44-37	36-33
15	44-37	36-35, 34-33
20	44-39	38-33
25	44-39	38-35, 34-33
30	44-39	38-37, 36-33
35	44-39	38-37, 36-35, 34-33
40	44-41	40-33
45	44-41	40-35, 34-33
50	44-43	42-33
55	44-43	42-35, 34-33
60	44-43	42-37, 36-33
65	44-43	42-37, 36-35, 34-33
70	44-43	42-39, 38-33
75	44-43	42-39, 38-35, 34-33
80	44-43	42-39, 38-37, 36-33
85	44-43	42-39, 38-37, 36-35, 34-33
90	44-43	42-41, 40-33
95	44-43	42-41, 40-35, 34-33
100	44-43	42-41, 40-37, 36-33
105	44-43	42-41, 40-37, 36-35, 34-33
110	44-43	42-41, 40-39, 38-33
115	44-43	42-41, 40-39, 38-35, 34-33
120	44-43	42-41, 40-39, 38-37, 36-33
125	44-43	42-41, 40-39, 38-37, 36-35, 34-33

87DLI

DELAY NS	DELAY LINE (5-125 NS)	JUMPER POSITIONS (PINS)
5	72-63	62-61
10	72-65	64-61
15	72-65	64-63, 62-61
20	72-67	66-61
25	72-67	66-63, 62-61
30	72-67	66-65, 64-61
35	72-67	66-65, 64-63, 62-61
40	72-69	68-61
45	72-69	68-63, 62-61
50	72-71	70-61
55	72-71	70-63, 62-61
60	72-71	70-65, 64-61
65	72-71	70-65, 64-63, 62-61
70	72-71	70-67, 66-61
75	72-71	70-67, 66-63, 62-61
80	72-71	70-67, 66-65, 64-61
85	72-71	70-67, 66-65, 64-63, 62-61
90	72-71	70-69, 68-61
95	72-71	70-69, 68-63, 62-61
100	72-71	70-69, 68-65, 64-61
105	72-71	70-69, 68-65, 64-63, 62-61
110	72-71	70-69, 68-67, 66-61
115	72-71	70-69, 68-67, 66-63, 62-61
120	72-71	70-69, 68-67, 66-65, 64-61
125	72-71	70-69, 68-67, 66-65, 64-63, 62-61

88DLI

DELAY NS	DELAY LINE (5-125 NS)	JUMPER POSITIONS (PINS)
5	84-75	74-73
10	84-77	76-73
15	84-77	76-75, 74-73
20	84-79	78-73
25	84-79	78-75, 74-73
30	84-79	78-77, 76-73
35	84-79	78-77, 76-75, 74-73
40	84-81	80-73
45	84-81	80-75, 74-73
50	84-83	82-73
55	84-83	82-75, 74-73
60	84-83	82-77, 76-73
65	84-83	82-77, 76-75, 74-73
70	84-83	82-79, 78-73
75	84-83	82-79, 78-75, 74-73
80	84-83	82-79, 78-77, 76-73
85	84-83	82-79, 78-77, 76-75, 74-73
90	84-83	82-81, 80-73
95	84-83	82-81, 80-75, 74-73
100	84-83	82-81, 80-77, 76-73
105	84-83	82-81, 80-77, 76-75, 74-73
110	84-83	82-81, 80-79, 78-73
115	84-83	82-81, 80-79, 78-75, 74-73
120	84-83	82-81, 80-79, 78-77, 76-73
125	84-83	82-81, 80-79, 78-77, 76-75, 74-73

NOTE - ALL POSITIONS ON CHARTS ARE U/I

5804825 C

INTERNATIONAL BUSINESS MACHINES CORP						
NAME	CARD ASM - TIMING					
DESIGN	EJS	24 JUNE 64	TYPE	APH-1		
DETAIL	EJS	24 JUNE 64	SCALE	NONE		
CHECK	EJS	26 JUNE 64	DRAW	VE	25 MAR 68	
APPRO	GHM	28 JUL 64	CHECK	AT	28 JUL 64	