

(900) 5
 (901) A 650 670
 (908) 2

ORIGINAL A-FIELD A2 6 B5
 ORIGINAL B-FIELD A3 1 A6

RESULTANT A-FIELD A2 6 B5
 FINAL RESULTANT B-FIELD Q 0 5 A81

SIGNAL NAME	FRAME GATE CH	TEST POINT	LOGIC	CYCLE																						
				T	7	A	B	A	B	A	B	A	B	A	B	A	B	I OP								
				3	6	9	0	3	6	9	0	3	6	9	0	3	6	9	0	3	6	9	0	3	6	9
1 STORAGE ADDRESS REGISTER	---		32.35.XX.2	908	458	678	458	680	457	677	456	676	675	908	1	...										
2 B-REGISTER	---		35.11.XX.2	C2	B41	A42	B41	CAB42	C42	1	A2	C21	CAB2	C2	...											
3 A-REGISTER	---		35.11.XX.2	8	B41	B41	B41	C42	A2	C82	C82	...														
4 -T ADD OPERATION	01B1		35.24.11.2	OP DECODE 1 2 4 8																						
5 -T ARITH OPERATION	01B1		35.27.11.2																							
6 -T GATED WORD MARK	01B2		31.07.11.2	A WM B WM																						
7 -T I/E CHANGE	01B2		31.05.31.2	6																						
8 +U DELTA T CYCLE LATCH	01B2		31.21.11.2	79																						
9 -T T-CYCLE LATCH	01B2		31.26.11.2	8																						
10 +U DELTA A-CYCLE LATCH	01B2		31.22.11.2	7 9																						
11 -T A-CYCLE LATCH	01B2		31.25.11.2	10																						
12 -T DELTA B-CYCLE LATCH	01B2		31.27.11.2	11																						
13 +U B-CYCLE	01B2		31.26.11.2	12																						
14 -T FIRST B-CYCLE LATCH	01B3		34.31.13.2	5 6 9																						
15 -T SECOND B-CYCLE LATCH	01B3		35.31.13.2																							
16 -T B-REGISTER ZONE INHIBIT	01A3		35.18.21.2	B NOT MANUAL ENTRY																						
17 -T B-REGISTER DIGIT INHIBIT	01A3		35.18.31.2	B NOT MANUAL ENTRY XFER B REG																						
18 -T B-REGISTER C-BIT INHIBIT	01A3		35.18.21.2	B XFER B-REG																						
19 -T B-REGISTER WORD MARK INHIBIT	01A3		35.18.21.2	NOT MANUAL ENTRY																						
20 -T ARITHMETIC DIGIT INHIBIT	01A3		35.18.51.2	NOT 23																						
21 -T ARITHMETIC ZONE INHIBIT	01A3		35.18.51.2																							
22 +U INHIBIT C-ZONE	01A3		35.15.11.2																							
23 +U TRANSFER STAR	01B3		34.31.13.2	4 16 NOT 8																						
24 +U COMPLEMENT LATCH	01B3		34.31.11.2																							
25 -T ADDER CARRY	01B3		34.31.15.2																							
26 -T CARRY TRIGGER	01B3		34.31.14.2																							
27 +U A-WORD MARK LATCH	01B2		31.06.11.2																							
28 +U A-CYCLE ELIMINATE	01B2		31.06.11.2																							
29 -T ARITHMETIC A-WORD MARK LATCH	01A3		35.18.61.2																							
30 A-REGISTER SET B2 C	01A3		35.18.61.2																							
31 MODIFIER CONTROL PLUS 1	01A8		32.42.11.2																							
32 MODIFIER CONTROL MINUS 1	01A8		32.42.11.2																							
33 MODIFIER CONTROL TRANSFER	01A8		32.42.41.2																							
34 MODIFIER OUTPUT ON BUS LINES	---		32.43.XX.2	458	678	457	677	456	676	455	675	676	908	...												
35 DATA ON INHIBIT DRIVE LINES	---		---	C2	B41	CAB 42	B41	AB1	C42	C41	A2	C82	B2	C2	...											

DATE	CHANGE NO.	DATE	CHANGE NO.	INTERNATIONAL BUSINESS MACHINES CORP
4-10-62	1132 SC D	31.7.62	TA 1970 K	NAME FIGURE 4 COMPLEMENT ADD
				NO RECOMPLEMENT
DESIGN		TYPE		
DETAIL		SCALE	NONE	
CHECK		DRAW	VE	1-22-62
APPRO		CHECK		