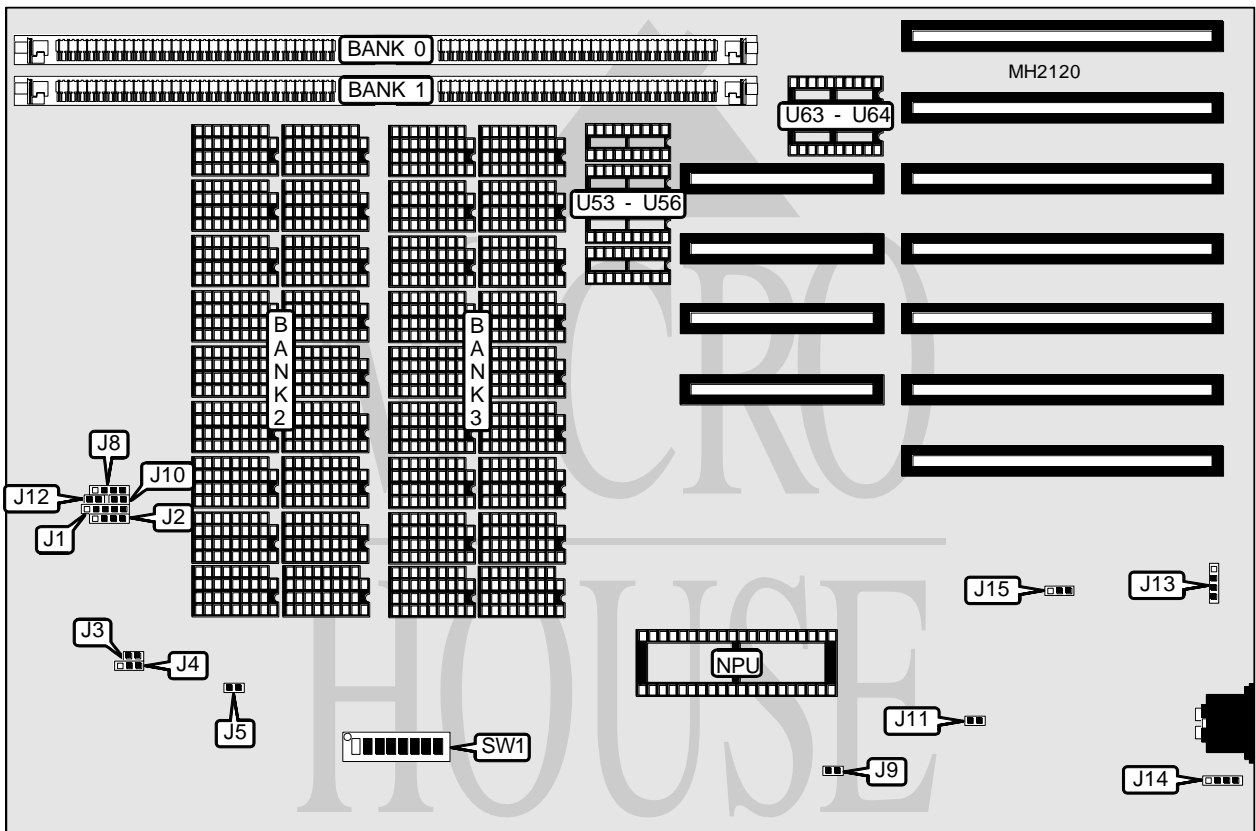


DIAMOND FLOWER, INC. CONCORDE V

Processor 80286 (exact location unknown)
Processor Speed 8MHz
Chip Set Unidentified
Max. Onboard DRAM 8MB
Cache None
BIOS AMI
Dimensions 220mm x 220mm
I/O Options None
NPU Options 80287



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J1	Reset switch	J11
Speaker	J2	Reset switch	J12
Clock connector for digital LED	J3	External battery	J13
Turbo LED	J8	External keyboard connector	J14

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DIAMOND FLOWER, INC. CONCORDE V

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
1 Memory type select DIP	J4	pins 2 & 3 closed
Memory type select SIMM	J4	pins 1 & 2 closed
1 Parity check enabled	J5	Closed
Parity check disabled	J5	Open
1 Battery type select external	J15	pins 1 & 2 closed
Battery type select internal	J15	pins 2 & 3 closed
1 Factory configured - do not alter	SW1/1	Off

DRAM CONFIGURATION						
Size	Bank 0	Bank 1	Bank 2	Bank 3	U53 - U56	U63 - U64
512KB	NONE	NONE	(18) 41256	NONE	NONE	NONE
512KB	(2) 256K x 9	NONE	NONE	NONE	NONE	NONE
640KB	NONE	NONE	(18) 41256	NONE	(4) 4464	(2) 41256
1MB	NONE	NONE	(18) 41256	(18) 41256	NONE	NONE
1MB	(2) 256K x 9	(2) 256K x 9	NONE	NONE	NONE	NONE
2MB	NONE	NONE	(18) 411000	NONE	NONE	NONE
2MB	(2) 1M x 9	NONE	NONE	NONE	NONE	NONE
2MB	(2) 256K x 9	(2) 256K x 9	(18) 41256	(18) 41256	NONE	NONE
4MB	NONE	NONE	(18) 411000	(18) 411000	NONE	NONE
4MB	(2) 1M x 9	(2) 1M x 9	NONE	NONE	NONE	NONE
8MB	(2) 1M x 9	(2) 1M x 9	(18) 411000	(18) 411000	NONE	NONE

DRAM SWITCH CONFIGURATION (512KB)							
Mode	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
0	Off	On	On	On	On	On	Off

MEMORY ALLOCATION CONFIGURATION (512KB)				
Mode	Shadow RAM	Conventional	Extended	EMS
0	N/A	512KB	0KB	0KB

DRAM SWITCH CONFIGURATION (640KB)							
Mode	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
1	Off	Off	On	On	On	On	On
2	Off	Off	On	On	On	On	Off
3	Off	Off	On	On	On	Off	On

MEMORY ALLOCATION CONFIGURATION (640KB)				
Mode	Shadow RAM	Conventional	Extended	EMS
1	N/A	256KB	0KB	0KB
2	N/A	512KB	0KB	0KB
3	N/A	640KB	0KB	0KB

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DIAMOND FLOWER, INC.

CONCORDE V

... continued from previous page

DRAM SWITCH CONFIGURATION (1MB)							
Mode	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
4	Off	On	Off	On	On	On	On
5	Off	On	Off	On	On	On	Off
6	Off	On	Off	On	On	Off	On
7	Off	On	Off	On	On	Off	Off
8	Off	On	Off	On	Off	On	On

MEMORY ALLOCATION CONFIGURATION (1MB)				
Mode	Shadow RAM	Conventional	Extended	EMS
4	Yes	256KB	0KB	672KB
4	No	256KB	0KB	768KB
5	Yes	512KB	0KB	416KB
5	No	512KB	0KB	512KB
6	Yes	640KB	0KB	288KB
6	No	640KB	0KB	384KB
7	Yes	640KB	256KB	0KB
8	No	640KB	384KB	0KB

DRAM SWITCH CONFIGURATION (2MB DIP)							
Mode	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
9	Off	Off	Off	On	On	On	On
10	Off	Off	Off	On	On	On	Off
11	Off	Off	Off	On	On	Off	On
12	Off	Off	Off	On	Off	On	Off
13	Off	Off	Off	On	Off	Off	On
14	Off	Off	Off	Off	On	Off	On

MEMORY ALLOCATION CONFIGURATION (2MB DIP)				
Mode	Shadow RAM	Conventional	Extended	EMS
9	Yes	256KB	0KB	1.672MB
9	No	256KB	0KB	1.768MB
10	Yes	512KB	0KB	1.416MB
10	No	512KB	0KB	1.512MB
11	Yes	640KB	0KB	1.288MB
11	No	640KB	0KB	1.384MB
12	Yes	640KB	1.256MB	0KB
13	No	640KB	1.384MB	0KB
14	Yes	640KB	1MB	288KB
14	No	640KB	1MB	384MB

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DIAMOND FLOWER, INC.
CONCORDE V

... continued from previous page

DRAM SWITCH CONFIGURATION (2MB SIMM)							
Mode	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
15	On	On	On	On	On	On	On
16	On	On	On	On	On	On	Off
17	On	On	On	On	On	Off	On
18	On	On	On	On	Off	On	Off
19	On	On	On	On	Off	Off	On
20	On	On	On	Off	On	Off	On

MEMORY ALLOCATION CONFIGURATION (2MB SIMM)				
Mode	Shadow RAM	Conventional	Extended	EMS
15	Yes	256KB	0KB	1.672MB
15	No	256KB	0KB	1.768MB
16	Yes	512KB	0KB	1.416MB
16	No	512KB	0KB	1.512MB
17	Yes	640KB	0KB	1.288MB
17	No	640KB	0KB	1.384MB
18	Yes	640KB	1.256MB	0KB
19	No	640KB	1.384MB	0KB
20	Yes	640KB	1MB	288KB
20	No	640KB	1MB	384KB

DRAM SWITCH CONFIGURATION (4MB)							
Mode	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
21	On	On	Off	On	On	On	On
22	On	On	Off	On	On	On	Off
23	On	On	Off	On	On	Off	On
24	On	On	Off	Off	On	Off	On
25	On	On	Off	On	Off	Off	Off

MEMORY ALLOCATION CONFIGURATION (4MB)				
Mode	Shadow RAM	Conventional	Extended	EMS
21	Yes	256KB	0KB	3.672MB
21	No	256KB	0KB	3.768MB
22	Yes	512KB	0KB	3.416MB
22	No	512KB	0KB	3.512MB
23	Yes	640KB	0KB	3.288MB
23	No	640KB	0KB	3.384MB
24	Yes	640KB	1MB	2.288MB
24	No	640KB	1MB	2.384MB
25	Yes	640KB	3MB	288KB
25	No	640KB	3MB	384KB

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DIAMOND FLOWER, INC.

CONCORDE V

... continued from previous page

DRAM SWITCH CONFIGURATION (8MB)							
Mode	SW1/2	SW1/3	SW1/4	SW1/5	SW1/6	SW1/7	SW1/8
26	On	Off	Off	On	On	On	On
27	On	Off	Off	On	On	On	Off
28	On	Off	Off	On	On	Off	On
29	On	Off	Off	Off	On	Off	On
30	On	Off	Off	On	Off	Off	Off
31	On	Off	Off	Off	On	On	On
32	On	Off	Off	Off	On	On	Off

MEMORY ALLOCATION CONFIGURATION (8MB)				
Mode	Shadow RAM	Conventional	Extended	EMS
26	Yes	256KB	0KB	7.672MB
26	No	256KB	0KB	7.768MB
27	Yes	512KB	0KB	7.416MB
27	No	512KB	0KB	7.512MB
28	Yes	640KB	0KB	7.288MB
28	No	640KB	0KB	7.384MB
29	Yes	640KB	1MB	6.288MB
29	No	640KB	1MB	6.384MB
30	Yes	640KB	3MB	4.288MB
30	No	640KB	3MB	4.384MB
31	Yes	640KB	5MB	2.288MB
31	No	640KB	5MB	2.384MB
32	Yes	640KB	7MB	288KB
32	No	640KB	7MB	384KB

CPU SPEED CONFIGURATION		
Speed	J9	J10
8MHz	Closed	Closed
16MHz	Open	Open