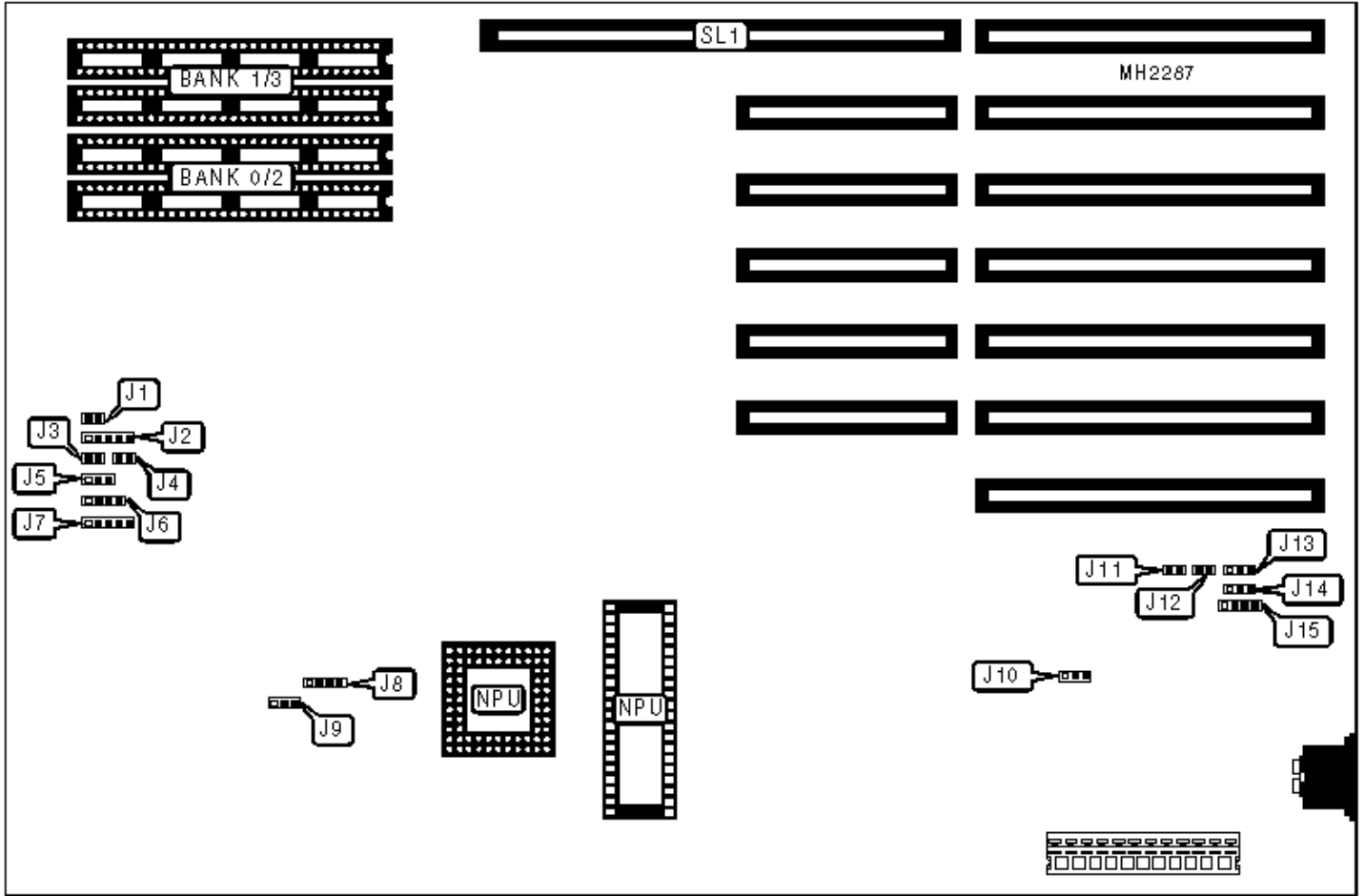


DIAMOND FLOWER, INC.

DFI-386/20

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Optional keyboard connector	J2	CPU clock LED	J8
Reset switch	J3	Reset switch	J11
Turbo LED	J4	Turbo switch	J14
Turbo switch	J5	External battery	J15
Speaker	J6	32-bit external memory card	SL1
Power LED & keylock	J7		

USER CONFIGURABLE SETTINGS

Function	Jumper	Position
» Factory configured - do not alter	J9	pins 1 & 2 closed
» NPU disabled	J10	Open
NPU enabled 80287	J10	pins 2 & 3 closed
NPU enabled 80387/3167	J10	pins 1 & 2 closed
» Monitor type select monochrome	J12	Open
Monitor type select color	J12	Closed
» Battery type select disabled	J13	Open
Battery type select internal	J13	pins 1 & 2 closed
Battery type select external	J13	pins 2 & 3 closed

DRAM CONFIGURATION

Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
4MB	(4) 1M x 9	NONE	NONE	NONE

4MB	(4) 256K x 9	(4) 256K x 9	(36) 41256	(36) 41256
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
10MB	(4) 1M x 9	(4) 1M x 9	(36) 41256	(36) 41256
16MB	(4) 1M x 9	(4) 1M x 9	(36) 411000	(36) 411000
Note: These settings are for J1 open.				

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(36) 41256	NONE	NONE	NONE
2MB	(36) 41256	(36) 41256	NONE	NONE
4MB	(36) 411000	NONE	NONE	NONE
4MB	(36) 41256	(36) 41256	(4) 256K x 9	(4) 256K x 9
8MB	(36) 411000	(36) 411000	NONE	NONE
10MB	(36) 411000	(36) 411000	(4) 256K x 9	(4) 256K x 9
16MB	(36) 411000	(36) 411000	(4) 1M x 9	(4) 1M x 9
Note: These settings are for J1 closed.				

DRAM JUMPER CONFIGURATION	
Setting	J1
Banks 0 & 1 on memory board and Banks 2 & 3 on mainboard	Closed
Banks 0 & 1 on mainboard and Banks 2 & 3 on memory board	Open