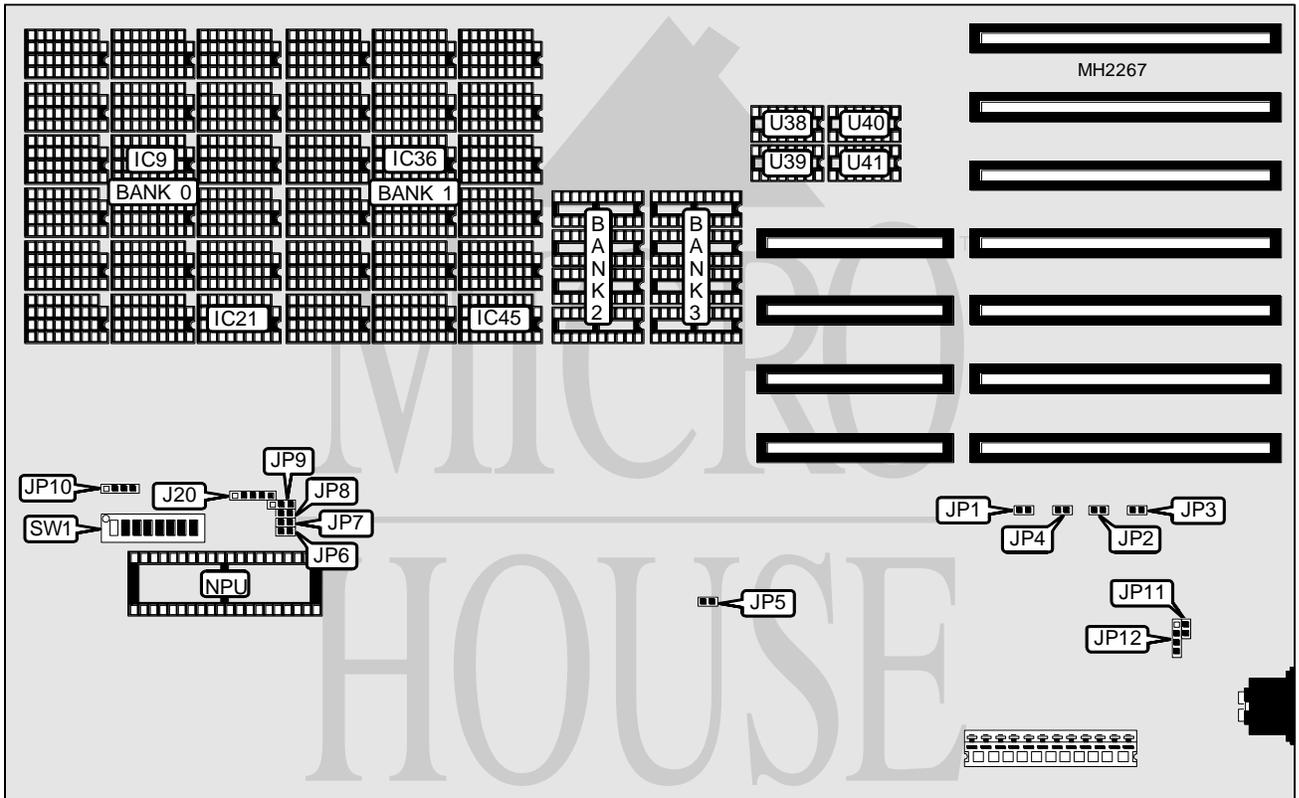


DIAMOND FLOWER, INC. RACER - 286

Processor	80286 (exact location unknown)
Processor Speed	6/12.5MHz
Chip Set	Suntac
Max. Onboard DRAM	4MB
Cache	None
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	None
NPU Options	80287



CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	J20	External battery	JP12
Turbo LED	JP8	Reset switch	JP6
Speaker	JP10		

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USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Wait state select 0 wait states	JP5	Closed
Wait state select 1 wait state	JP5	Open
í Clock speed control keyboard	JP9	pins 1 & 2 closed
Clock speed control DIP switch	JP9	pins 2 & 3 closed
í On board battery enabled	JP11	Closed
On board battery disabled	JP11	Open
í Monitor type select color	SW1/2	On
Monitor type select monochrome	SW1/2	Off
í Parity check enabled	SW1/3	On
Parity check disabled	SW1/3	Off
í Port address select 0E8H	SW1/4	On
Port address select 098H	SW1/4	Off
í BIOS type select 27128	SW1/5	On
BIOS type select 27256	SW1/5	Off

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
512KB	(16) 41256	NONE	NONE	NONE
512KB	NONE	NONE	(4) 44256	NONE
640KB	(16) 41256	(16) 4164	NONE	NONE
1MB	(16) 41256	(16) 41256	NONE	NONE
1MB	NONE	NONE	(4) 44256	(4) 44256
2MB	(16) 411000	NONE	NONE	
4MB	(16) 411000	(16) 411000	NONE	NONE

Note: When installing the above chips, do not use sockets IC9, IC21, IC36 & IC45.

DRAM CONFIGURATION (PARITY CHIP)				
Size	IC9, IC21	IC36, IC45	U38 - U39	U40 - U41
512KB	(2) 41256	NONE	NONE	NONE
512KB	NONE	NONE	(2) 41256	NONE
640KB	(2) 41256	(2) 4164	NONE	NONE
1MB	(2) 41256	(2) 41256	NONE	NONE
1MB	NONE	NONE	(2) 41256	(2) 41256
2MB	(2) 411000	NONE	NONE	NONE
4MB	(2) 411000	(2) 411000	NONE	NONE

Note: This section is used only if parity chips are installed.

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DRAM SWITCH CONFIGURATION						
Size	SW1/6	SW1/7	SW1/8	Conventional	Extended	Expanded
512KB	On	On	On	512KB	0KB	0KB
640KB	On	On	Off	640KB	0KB	0KB
1MB	On	Off	On	640KB	384KB	0KB
1MB	On	Off	Off	640KB	0KB	384KB
2MB	Off	On	On	640KB	1408KB	0KB
2MB	Off	On	Off	640KB	0KB	1408KB
4MB	Off	Off	On	640KB	3456KB	0KB
4MB	Off	Off	Off	640KB	0KB	3456KB

CPU SPEED CONFIGURATION		
Speed	JP7	SW1/1
6MHz	Open	On
12.5MHz	Closed	Off

KEYBOARD BIOS CONFIGURATION				
Connector	JP1	JP2	JP3	JP4
8742	pin 32	pin 27	pin 23	pin30