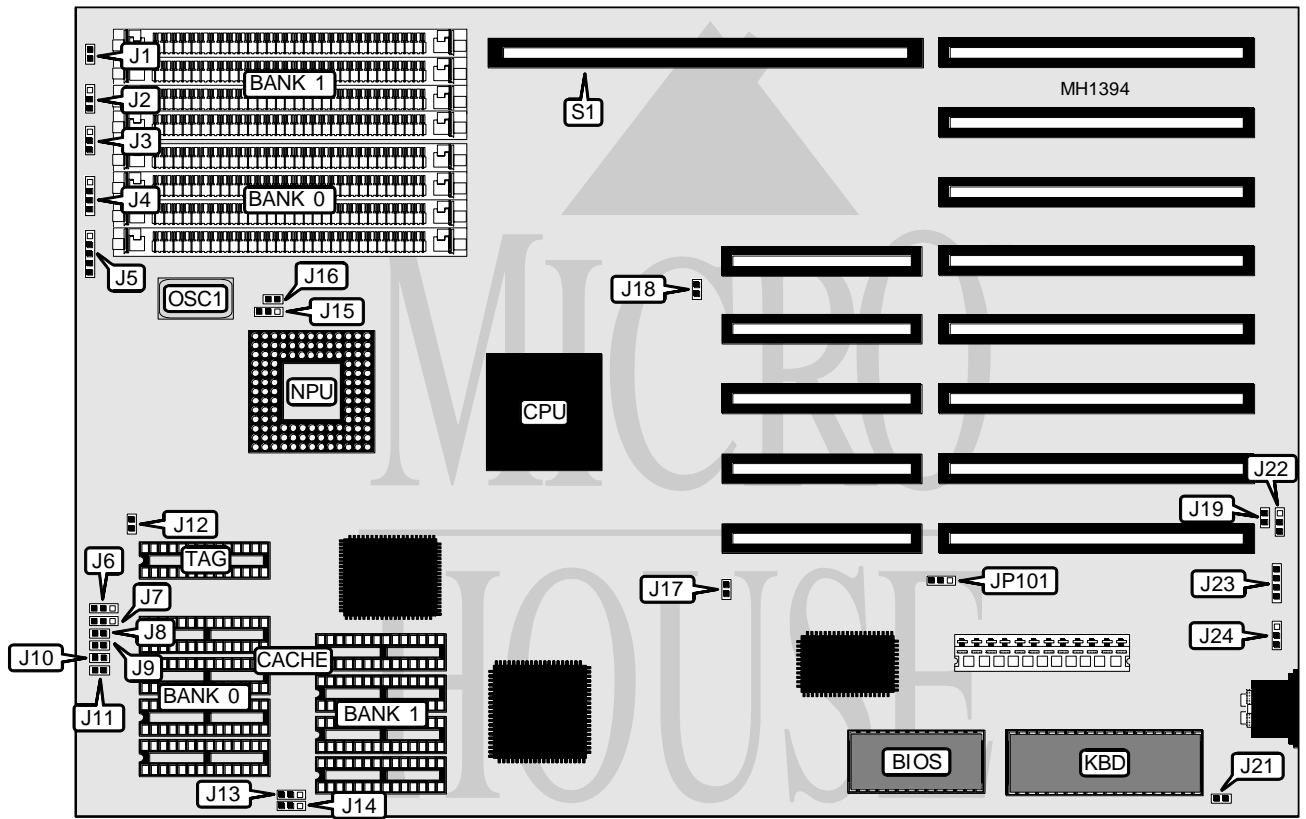


**DIAMOND FLOWER, INC.**  
**386-33/40UCE/UCQ**

**Processor** 80386DX  
**Processor Speed** 33/40MHz  
**Chip Set** UMC  
**Max. Onboard DRAM** 32MB  
**Cache** 64/128/256KB  
**BIOS** AMI  
**Dimensions** 330mm x 220mm  
**I/O OPTIONS** 32-bit external memory card slot  
**NPU Options** 80387/3167



DRAM CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
5MB	(4) 256K x 9	(4) 1M x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9

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CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	J1 and J19	Power LED & keylock	J5
Turbo LED	J2	External battery	J23
Turbo switch	J3 and J22	32-bit external memory card	S1
Speaker	J4		

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	J16	open
í Monitor type select color	J21	closed
Monitor type select monochrome	J21	open
í Battery select external	J24	pins 1 & 2 closed
Battery select internal	J24	pins 2 & 3 closed
í CMOS memory normal operation	JP101	pins 1 & 2 closed
CMOS memory clear	JP101	pins 2 & 3 closed

Note: The location of Jumper J16 varies and may not be present on later versions.

NPU TYPE CONFIGURATION					
NPU	OSC1	J12	J15	J17	J18
Not installed	N/A	open	open	open	open
Synchronous	N/A	open	pins 1 & 2	closed	closed
80387-25	50MHz	closed	pins 2 & 3	closed	closed
80387-33	66MHz	closed	pins 2 & 3	closed	closed
80387-40	80MHz	closed	pins 2 & 3	closed	closed

Note: Pins designated should be in the closed position.

CACHE CONFIGURATION				
Size	Max. Cacheable RAM	Cache CACHE	Location	TAG
64KB	16MB	(8) 8K x 8	Banks 0 & 1	(1) 8K x 8
128KB	32MB	(4) 32K x 8	Bank 0	(1) 8K x 8
256KB	64MB	(8) 32K x 8	Banks 0 & 1	(1) 32K x 8

CACHE JUMPER CONFIGURATION			
Jumper	64KB	128KB	256KB
J6	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
J7	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
J8	open	closed	closed
J9	open	open	closed
J10	open	open	closed
J11	open	closed	closed
J13	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
J14	open	pins 1 & 2 closed	pins 2 & 3 closed