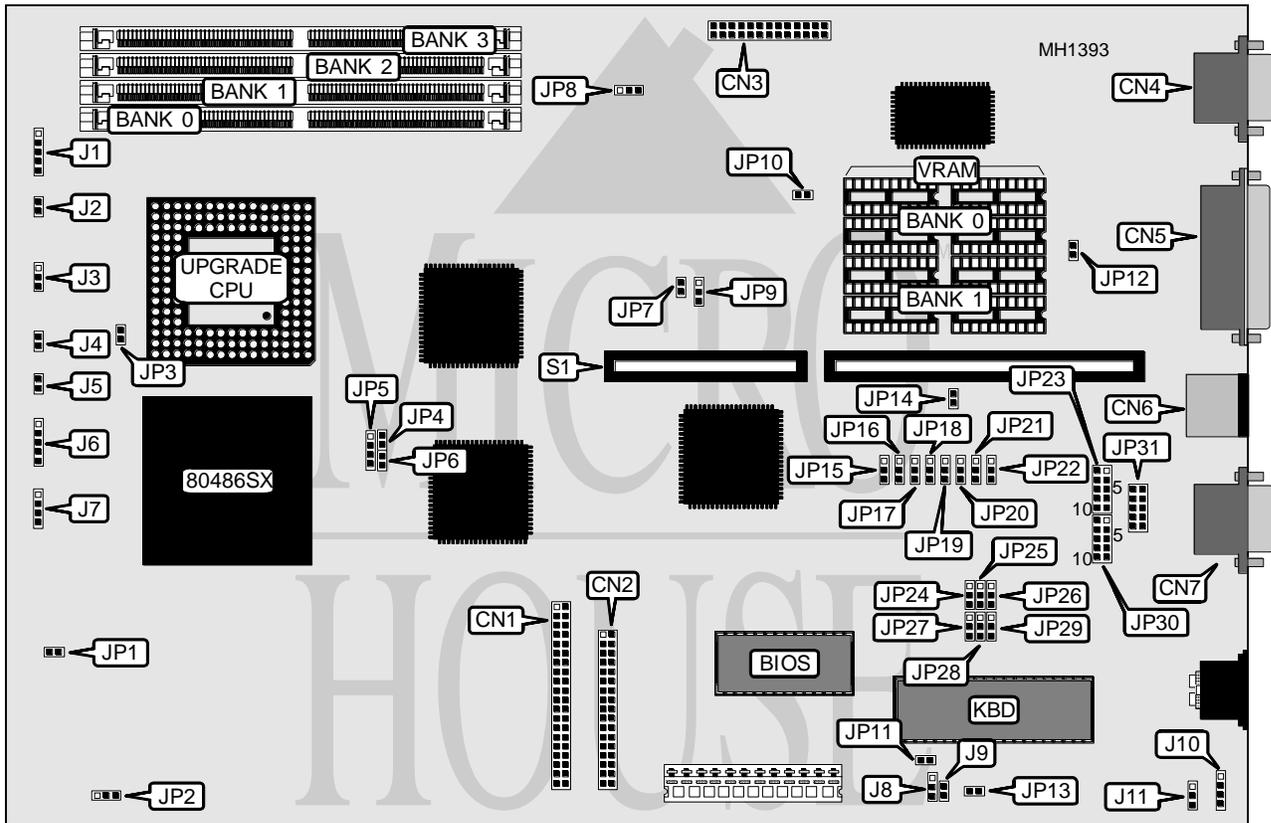


DIAMOND FLOWER, INC.

486-25/33UNB AIO, 486DX2-50UNB AIO

Processor	80486SX/80486DX/ODP486SX/80486DX2
Processor Speed	20/25/33/50(internal)MHz
Chip Set	UMC
Max. Onboard DRAM	16MB
Cache	None
BIOS	AMI
Dimensions	330mm x 218mm
I/O Options	Bus mouse port, floppy drive interface, IDE interface, parallel port, serial port (2), VGA port
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface	CN1	Turbo switch	J3 & J8
Floppy drive interface	CN2	Reset switch	J4 & J9
VGA feature connector	CN3	IDE interface LED	J5
VGA port	CN4	Power LED & keylock	J6
Parallel port	CN5	Speaker	J7
Bus mouse port	CN6	External battery	J10
Serial port 1	CN7	Serial port 2	JP31
Alternate keyboard connector	J1	Riser card	S1
Turbo LED	J2		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery select internal	J11	pins 2 & 3 closed
Battery select external	J11	pins 1 & 2 closed
í Speaker select internal	JP1	Closed
Speaker select external	JP1	Open
í Onboard VGA local bus enabled	JP2	pins 2 & 3 closed
	JP3	Closed
í Onboard VGA local bus disabled	JP2	pins 1 & 2 closed
	JP3	Open
í Factory configured - do not alter	JP4	Closed
í Factory configured - do not alter	JP5	pins 1 & 2 and 3 & 4 closed
í Factory configured - do not alter	JP6	Open
í Factory configured - do not alter	JP7	Open
í BIOS type select 27C256 (32KB)	JP8	pins 2 & 3 closed
BIOS type select 27C512 (64KB)	JP8	pins 1 & 2 closed
í Factory configured - do not alter	JP10	Open
í Monitor type select color	JP11	Closed
Monitor type select monochrome	JP11	Open
í VGA port (CN4) interrupt select IRQ2	JP12	Open
VGA port (CN4) interrupt select none	JP12	Closed
í Factory configured - do not alter	JP13	Open
í Factory configured - do not alter	JP14	Closed
í Floppy interface enabled	JP20	pins 1 & 2 closed
Floppy interface disabled	JP20	pins 2 & 3 closed
í Factory configured - do not alter	JP21	pins 1 & 2 closed
í IDE interface enabled	JP22	pins 1 & 2 closed
IDE interface disabled	JP22	pins 2 & 3 closed

PARALLEL PORT 1 (CN5) CONFIGURATION					
LPT	I/O Address	Interrupt	JP9	JP15	JP16
LPT 1	3BC-3BEh	IRQ7	pins 1 & 2	pins 2 & 3	pins 1 & 2
LPT 2	378-37Ah	IRQ7	pins 1 & 2	pins 1 & 2	pins 1 & 2
LPT 3	278-27Ah	IRQ5	pins 2 & 3	pins 1 & 2	pins 2 & 3
Disabled	N/A	N/A	N/A	pins 2 & 3	pins 2 & 3

Note: Pins designated should be in the closed position.

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SERIAL PORTS 1 & 2 CONFIGURATION				
Serial Port 1	Serial Port 2	JP17	JP18	JP19
COM1	COM2	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
COM2	COM1	pins 1 & 2 closed	pins 1 & 2 closed	pins 2 & 3 closed
COM1	Disabled	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
Disabled	COM1	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
Disabled	COM2	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
COM2	Disabled	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
Disabled	Disabled	pins 2 & 3 closed	pins 2 & 3 closed	Open

SERIAL PORT 1 (CN1) FORCED TRUE CONFIGURATION			
Mode	JP24	JP25	JP26
Normal operation	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Forced true	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 2 () FORCED TRUE CONFIGURATION			
Mode	JP27	JP28	JP29
Normal operation	pins 1 & 2 closed	pins 1 & 2 closed	pins 1 & 2 closed
Forced true	pins 2 & 3 closed	pins 2 & 3 closed	pins 2 & 3 closed

SERIAL PORT 1 (CN7) DTE/DCE CONFIGURATION	
Function	JP30
í DTE	pins 1 & 2, 3 & 4, 5 & 6, 7 & 8, and 9 & 10 closed
DCE	pins 1 & 3, 2 & 4, 5 & 7, 6 & 8, and 9 & 10 closed

SERIAL PORT 2 (JP31) DTE/DCE CONFIGURATION	
Function	JP23
í DTE	pins 1 & 2, 3 & 4, 5 & 6, 7 & 8, and 9 & 10 closed
DCE	pins 1 & 3, 2 & 4, 5 & 7, 6 & 8, and 9 & 10 closed

VRAM CONFIGURATION		
Size	VRAM	Location
512KB	(4) 44256	Bank 0
1024KB	(8) 44256	Bank 0 & 1

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DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	NONE	NONE	NONE
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	NONE
4MB	(1) 256K x 36			
4MB	(1) 1M x 36	NONE	NONE	NONE
5MB	(1) 256K x 36	(1) 1M x 36	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
9MB	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36			