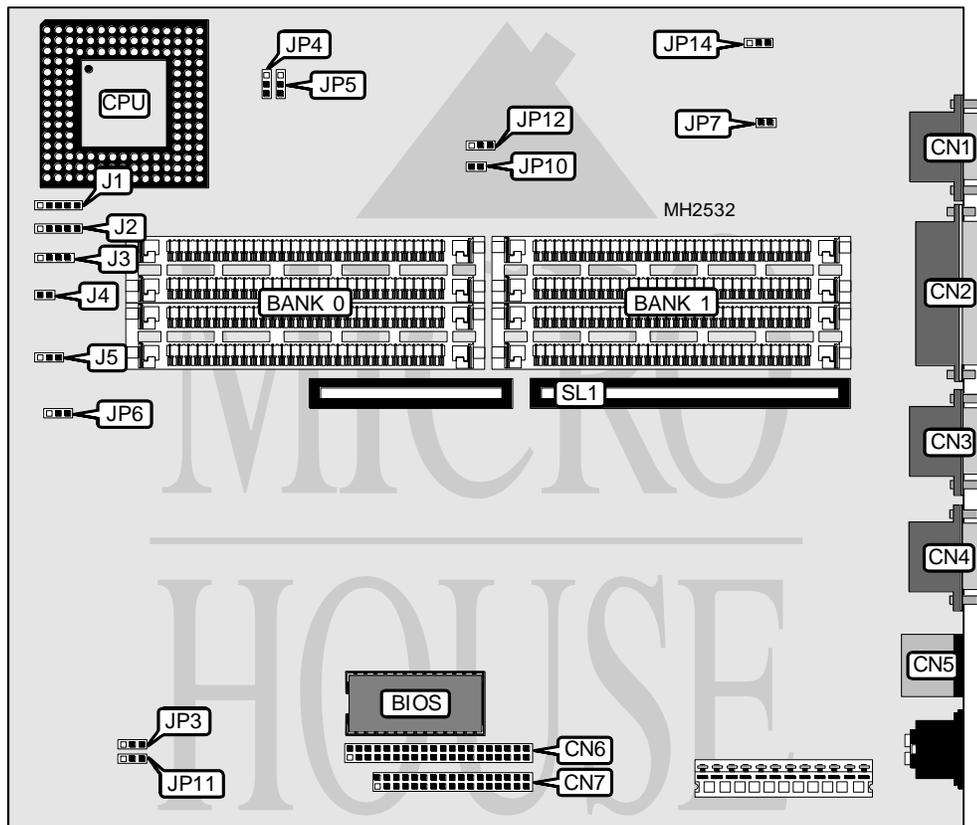# UNIDENTIFIED
486SX-DX MAINBOARD

Processor   80486SX/80487SX/80486DX/80486DX2
Processor Speed   33/40/50/66(internal)MHz
Chip Set   Unidentifed
Max. Onboard DRAM   32MB
Cache   None
BIOS   Award
Dimensions   254mm x 220mm
I/O Options   Floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA port
NPU Options   None

CONNECTIONS			
Purpose	Location	Purpose	Location
VGA port	CN1	Power LED & keylock	J1
Parallel port	CN2	Turbo switch	J2 pins 1 & 2
Serial port 1	CN3	Turbo LED	J2 pins 4 & 5
Serial port 2	CN4	Speaker	J3
PS/2 mouse port	CN5	Reset switch	J4
IDE interface	CN6	IDE interface LED	J5
Floppy drive interface	CN7	Riser Card	SL1

UNIDENTIFIED
486SX-DX MAINBOARD

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Video mode select interlaced	JP7	Closed
Video mode select non-interlaced	JP7	Open
í Monitor type select monochrome	JP10	Closed
Monitor type select color	JP10	Open
í CPU OSC select 66MHz	JP11	pins 2 & 3 closed
CPU OSC select 50MHz	JP11	pins 1 & 2 closed
í On board VGA enabled	JP12	pins 2 & 3 closed
On board VGA disabled	JP12	pins 1 & 2 closed
í Monitor type select VESA	JP14	pins 2 & 3 closed
Monitor type select VGA	JP14	pins 1 & 2 closed

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
32MB	(4) 4M x 9	(4) 4M x 9

CPU TYPE CONFIGURATION		
Type	JP4	JP5
80486SX	Open	pins 1 & 2 closed
80487SX	pins 1 & 2 closed	pins 2 & 3 closed
80486DX	pins 2 & 3 closed	pins 2 & 3 closed
80486DX2	pins 2 & 3 closed	pins 2 & 3 closed

CPU SPEED CONFIGURATION		
Speed	JP3	JP6
33MHz	pins 2 & 3 closed	pins 2 & 3 closed
40MHz	pins 2 & 3 closed	pins 1 & 2 closed
50MHz	pins 1 & 2 closed	pins 2 & 3 closed
66iMHz	pins 1 & 2 closed	pins 1 & 2 closed