TEXAS MICROSYSTEMS, INC.
D486 (REL. 2)
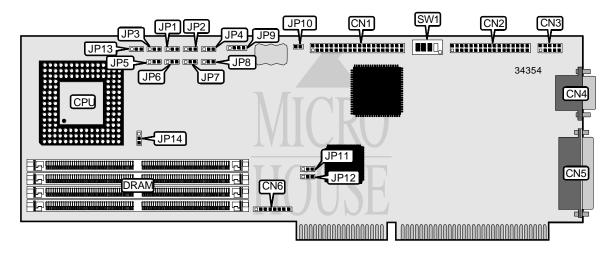
Processor	80486DX/80486DX2/80486DX4
Processor Speed	33/50/66(internal)/100(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	64/128/256KB
BIOS	Unidentified
Dimensions	Unidentified
I/O Options	Floppy drive interface, IDE interface, parallel port, serial ports (2)
NPU Options	None

CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
IDE interface	CN1	Parallel port	CN5
Floppy drive interface	CN2	AT keyboard connector	CN6
Serial port 2	CN3	External battery	JP9
Serial port 1	CN4	IDE interface LED	JP10

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USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Battery type select internal	JP9	Pins 1 & 2 closed
Battery type select external	JP9	Closed
í Watchdog timer disabled	JP11	Pins 2 & 3 closed
Watchdog timer enabled	JP11	Pins 1 & 2 closed
í Monitor type select color	SW1/1	On
Monitor type select monochrome	SW1/1	Off
í Flash BIOS enabled	SW1/2	Off
Flash BIOS disabled	SW1/2	On
í CMOS memory normal operation	SW1/3	Off
CMOS memory clear	SW1/3	On
í I/O address select 270H	SW1/4	Off
I/O address select 370H	SW1/4	On

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
Note: Board also accepts x 32 SIMMs.		

CACHE CONFIGURATION
Note: The chip sizes and location of the cache is unidentified.

CACHE JUMPER CONFIGURATION				
Size	**JP5**	**JP6**	**JP7**	**JP8**
64KB	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Open
128KB	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed
256KB	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed

CPU SPEED SELECTION	
Speed	**JP4**
33MHz	Pins 1 & 2 closed

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CPU TYPE SELECTION				
Type	JP1	JP2	JP3	JP14
80486DX	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
80486DX2	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
80486DX4	Pins 1 & 2 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed

CPU MULTIPLIER SELECTION (80486DX4 ONLY)	
Multiplier	JP13
2x	Pins 2 & 3 closed
3x	Pins 1 & 2 closed

WATCHDOG TIMER SELECTION	
Timer	JP12
í150ms	Pins 2 & 3 closed
600ms	Open
1.2 seconds	Pins 1 & 2 closed