TORONTO MICROELECTRONICS, INC.
T M E 2 0 0 4

Processor	80486SX/80486SX2/80486DX/80486DX2/80486DX4/P24D/P25
Processor Speed	25/33/40/50/50(internal)/66(internal)/100(internal)/133(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	128MB
Maximum Video Memory	None
Cache	256KB
BIOS	Unidentified
Dimensions	Unidentified
Data Bus	16-bit ISA
I/O Options	Floppy drive interface, IDE interface, SCSI interface, parallel port, PS/2 mouse interface, serial ports (2), VGA port, PC/104 connectors (2)
NPU Options	None
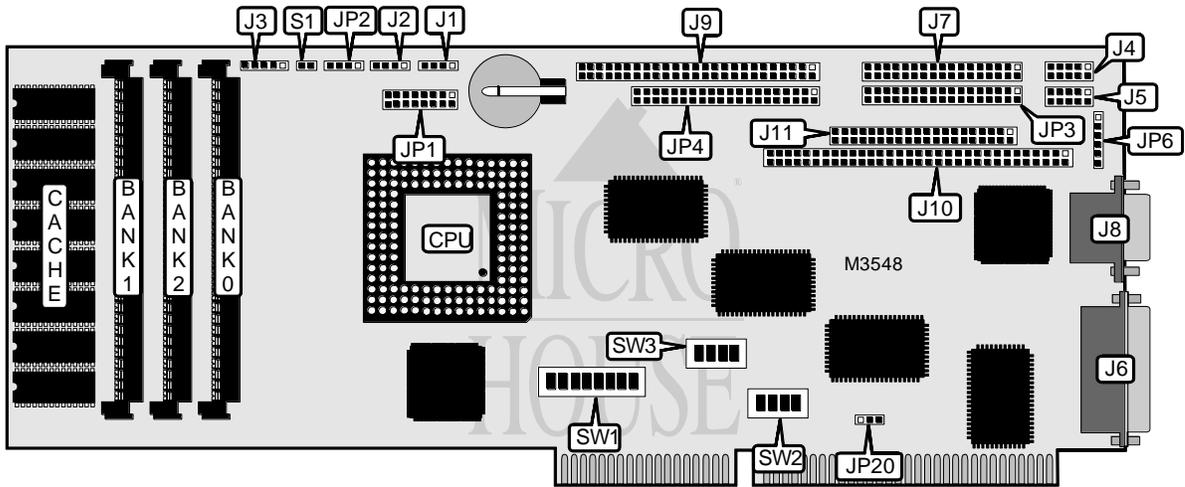
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	PC/104 A & B connector	J10
PS/2 mouse interface	J2	PC/104 C & D connector	J11
Auxiliary keyboard connector	J3	Auxiliary connector	JP1
Serial port 2	J4	IDE interface LED	JP2
Serial port 1	J5	Floppy drive interface	JP3
Parallel port	J6	IDE interface	JP4
Flat panel connector	J7	Power connector	JP6
VGA port	J8	Reset switch	S1
SCSI interface	J9		

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USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Parallel port IRQ select IRQ7	JP20	Pins 2 & 3 closed
Parallel port IRQ select IRQ5	JP20	Pins 1 & 2 closed
PS/2 mouse enabled	SW1/1	On
PS/2 mouse disabled	SW1/1	Off
Monitor type select CGA	SW1/2	On
Monitor type select monochrome/VGA	SW1/2	Off
Watchdog timer enabled	SW1/8	On
Watchdog timer disabled	SW1/8	Off
Switch information unidentified	SW2/4	Unidentified
í Factory configured - do not alter	SW3/1	Unidentified
í Factory configured - do not alter	SW3/2	Unidentified
í Factory configured - do not alter	SW3/3	Unidentified
í Factory configured - do not alter	SW3/4	Unidentified

DRAM CONFIGURATION			
Size	**Bank 0**	**Bank 1**	**Bank 2**
1MB	(1) 256K x 36	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
4MB	(1) 1M x 36	None	None
5MB	(1) 256K x 36	(1) 1M x 36	None
8MB	(1) 1M x 36	(1) 1M x 36	None
8MB	(1) 2M x 36	None	None
9MB	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
9MB	(1) 256K x 36	(1) 2M x 36	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 2M x 36	None
16MB	(1) 2M x 36	(1) 2M x 36	None
17MB	(1) 256K x 36	(1) 2M x 36	(1) 2M x 36
20MB	(1) 1M x 36	(1) 2M x 36	(1) 2M x 36
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 8M x 36	None	None
33MB	(1) 256K x 36	(1) 8M x 36	None
36MB	(1) 1M x 36	(1) 8M x 36	None
40MB	(1) 2M x 36	(1) 8M x 36	None
64MB	(1) 8M x 36	(1) 8M x 36	None
64MB	(1) 16M x 36	None	None
65MB	(1) 256K x 36	(1) 8M x 36	(1) 8M x 36
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
72MB	(1) 2M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36
128MB	(1) 16M x 36	(1) 16M x 36	None

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CACHE CONFIGURATION
Note: 256KB cache is factory installed and is not configurable.

CPU SPEED SELECTION		
Speed	**SW1/6**	**SW1/7**
25MHz	Off	Off
33MHz	On	Off
40MHz	Off	On
50iMHz	Off	Off
50MHz	On	On
66iMHz	On	Off
100iMHz	On	Off
133iMHz	On	Off

SCSI INTERRUPT SELECTION			
Setting	**SW2/1**	**SW2/2**	**SW2/3**
IRQ10	Off	Off	On
IRQ11	On	Off	Off
IRQ12	Off	On	On

SCSI/VIDEO SELECTION			
Setting	**SW1/3**	**SW1/4**	**SW1/5**
Video & SCSI if exists. E page free	Off	Off	Off
Video only. No SCSI. D page free	On	Off	Off
Video. No SCSI	Off	On	Off
Video & SCSI if exists. D page free	On	On	Off
Video & SCSI if exists. D & E page free	Off	Off	On
No video. SCSI if exists. D & E page free	On	Off	On
Video & SCSI if exists. Upper D & E page free	Off	On	On
No VGA, SCSI. Only main BIOS C, D, & E page free.	On	On	On