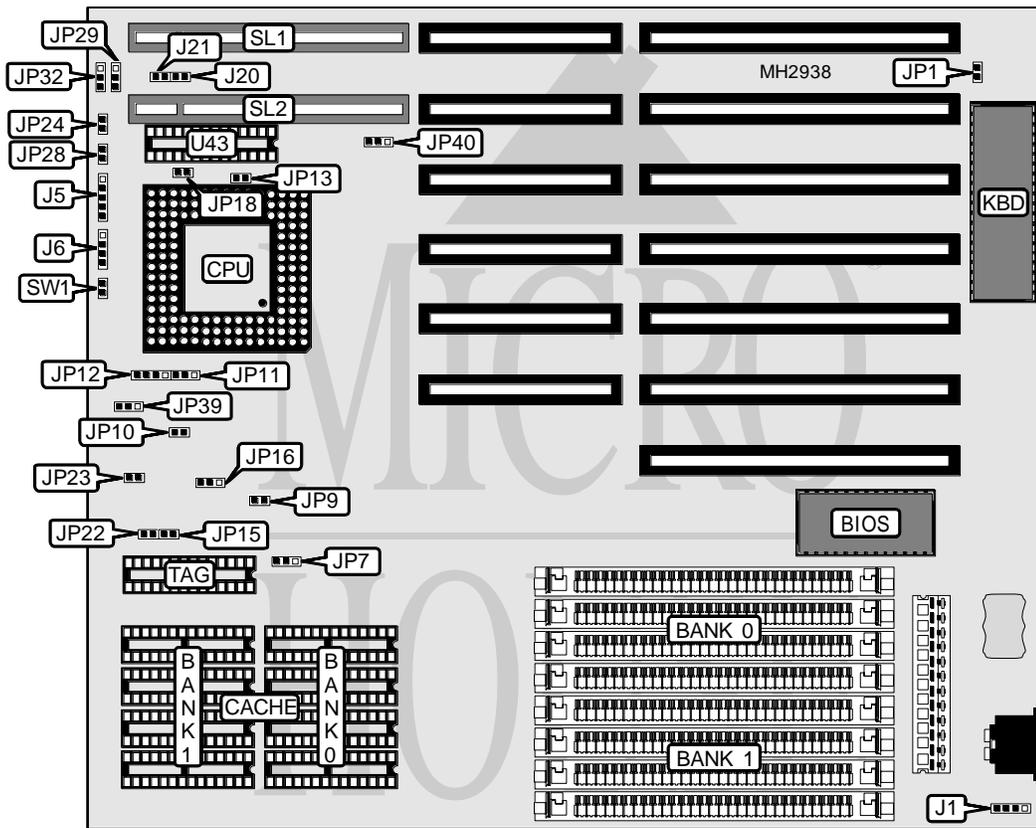


# SHUTTLE COMPUTER INTERNATIONAL, INC.

## HOT-409 (VER. 2.2)

<b>Processor</b>	80486SX/80487SX/AM486DX/80486DX/80486DX2/Pentium Overdrive
<b>Processor Speed</b>	25/33/40/50(internal)/50/66(internal)MHz
<b>Chip Set</b>	OPTI
<b>Max. Onboard DRAM</b>	32MB
<b>Cache</b>	64/128/256KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	260mm x 220mm
<b>I/O Options</b>	32-bit VESA local bus slots
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Turbo switch	JP28
Power LED & keylock	J5	Reset switch	SW1
Speaker	J6	32-bit VESA local bus slots	SL1 & SL2
Turbo LED	JP24		

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# SHUTTLE COMPUTER INTERNATIONAL, INC.

## HOT-409 (VER. 2.2)

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	J1	pins 2 & 3 closed
Battery type select external	J1	Closed
í Monitor type select color	JP1	Closed
Monitor type select monochrome	JP1	Open
í Factory configured - do not alter	JP32	pins 2 & 3 closed
í ADS# signal not delayed	JP40	pins 1 & 2 closed
ADS# signal delayed	JP40	pins 2 & 3 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
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION			
Size	Bank 0	Bank 1	TAG
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8
128KB	(4) 32K x 8	NONE	(1) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8	(1) 16K or (1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP7	JP9	JP15	JP22
64KB	pins 2 & 3 closed	Open	Open	Open
128KB	pins 1 & 2 closed	Closed	Closed	Open
256KB	pins 2 & 3 closed	Closed	Closed	Closed

CPU TYPE CONFIGURATION		
Type	JP11	JP12
80486SX	Open	pins 2 & 3 closed
80487SX	pins 2 & 3 closed	pins 1 & 2, 3 & 4 closed
80486DX	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
80486DX2	pins 1 & 2 closed	pins 1 & 2, 3 & 4 closed
Pentium Overdrive	pins 2 & 3 closed	pins 1 & 2, 3 & 4 closed

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# SHUTTLE COMPUTER INTERNATIONAL, INC.

## HOT-409 (VER. 2.2)

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CPU SPEED CONFIGURATION			
Speed	JP10	JP16	JP23
25MHz	Open	pins 2 & 3 closed	Closed
33MHz	Closed	pins 2 & 3 closed	Open
40MHz	Open	pins 2 & 3 closed	Open
50iMHz	Open	pins 2 & 3 closed	Closed
50MHz	Open	pins 1 & 2 closed	Closed
66iMHz	Closed	pins 2 & 3 closed	Open

VESA MODE CONFIGURATION			
Mode	JP13	JP18	U43
Slave mode	Closed	Closed	Not installed
Master and slave mode	Open	Open	Installed

VESA WAIT STATE CONFIGURATION	
Wait states	J20
0 wait states	Closed
1 wait state	Open

BUS SPEED CONFIGURATION	
CPU speed	JP21
<= 33MHz	Closed
> 33MHz	Open

VESA DEVICE COMPATIBILITY CONFIGURATION		
Setup	JP29	JP39
0	pins 1 & 2 closed	pins 1 & 2 closed
1	pins 1 & 2 closed	pins 2 & 3 closed
2	pins 2 & 3 closed	pins 2 & 3 closed