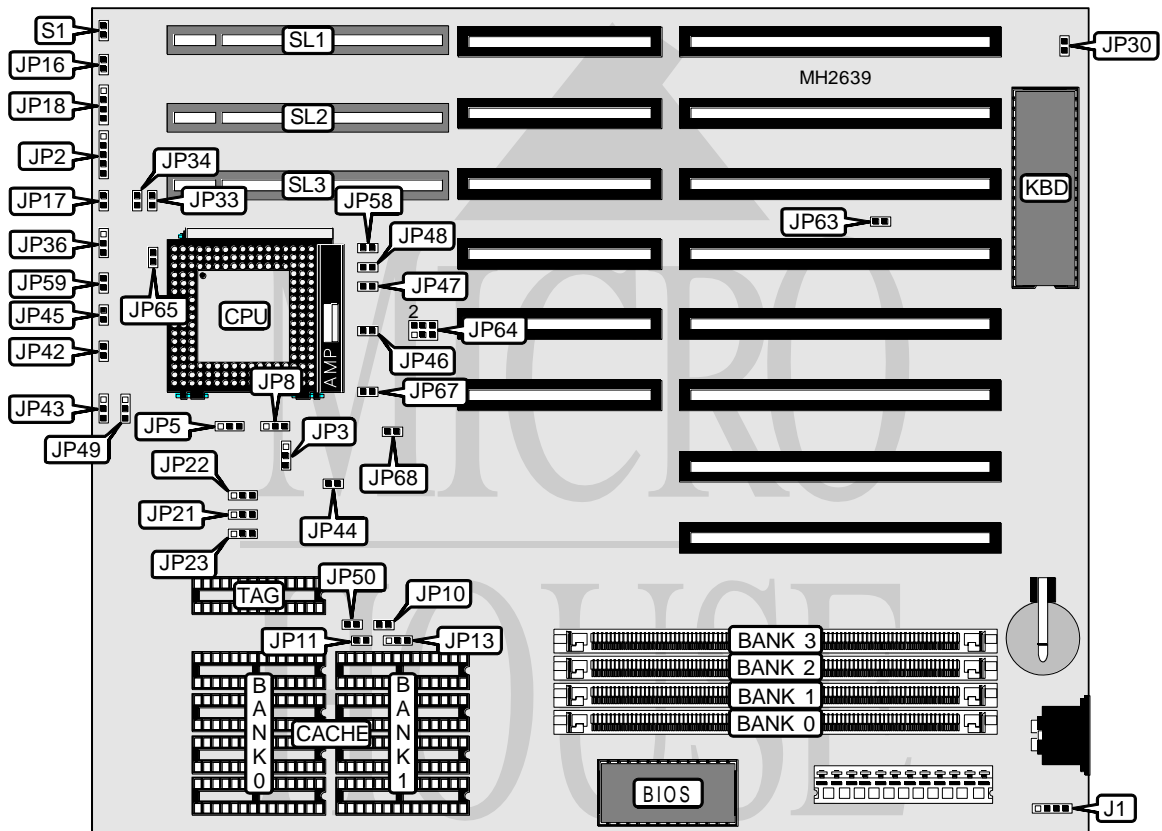


SHUTTLE COMPUTER INTERNATIONAL, INC.

HOT-419 (VER.1.0)

Processor	CX486S/SL80486SX/80486SX/80487SX/CX486S2/CX486DX/AM80486DX/ SL80486DX/80486DX/CX486DX2/80486DX2/80486DX4/P24D/ Pentium Overdrive
Processor Speed	20/25/33/40/50(internal)/50/66(internal)/75(inlternal)/100(internal)MHz
Chip Set	OPTI
Max. Onboard DRAM	128MB
Cache	64/128/256/512KB
BIOS	AMI
Dimensions	260mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Green PC connector	JP63
Power LED & keylock	JP2	Green PC connector	JP68
Turbo LED	JP16	Reset switch	S1
Turbo switch	JP17	32-bit VESA local bus slots	SL1 - SL3
Speaker	JP18		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	JP30	Closed
Monitor type select monochrome	JP30	Open
í ADS signal delay disabled	JP36	pins 2 & 3 closed
ADS signal delay enabled	JP36	pins 1 & 2 closed
í CPU cache type select write back (P24T)	JP58	Closed
CPU cache type select write through (P24T)	JP58	Open
í CPU cache type select write back (P24D)	JP59	Closed
CPU cache type select write through (P24D)	JP59	Open
í Clock ratio select 2x	JP65	Closed
Clock ratio select 3x	JP65	Open

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
2MB	(1) 256K x 36	(1) 256K x 36	NONE	NONE
4MB	(1) 1M x 36	NONE	NONE	NONE
4MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36
5MB	(1) 256K x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	NONE	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	NONE	NONE	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 1M x 36	NONE	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
128MB	(1) 16M x 36	NONE	(1) 16M x 36	NONE

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) 32K x 8	
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8	
512KB	(4) 128K x 8	(4) 32K x 8	(1) 32K x 8	

CACHE JUMPER CONFIGURATION					
Size	JP10	JP11	JP13	JP50	JP67
64KB	Open	Open	2 & 3	Open	Closed
128KB	Open	Closed	1 & 2	Open	Open
256KB	Closed	Closed	2 & 3	Open	Closed
512KB	Closed	Closed	1 & 2	Closed	Open

Note: Pins designated should be in closed position.

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CPU TYPE CONFIGURATION						
Type	JP3	JP5	JP8	JP42	JP43	JP44
CX486S	Open	Open	2 & 3	2 & 3	1 & 2	Open
SL80486SX	Open	Open	2 & 3	1 & 2	1 & 2	Closed
80486SX	1 & 2	2 & 3	1 & 2	Open	1 & 2	Open
80487SX	1 & 2	2 & 3	1 & 2	Open	1 & 2	Open
CX486S2	Open	Open	2 & 3	2 & 3	2 & 3	Open
CX486DX	1 & 2	2 & 3	1 & 2	2 & 3	1 & 2	Open
AM80486DX	1 & 2	2 & 3	1 & 2	Open	1 & 2	Open
SL80486DX	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	Closed
80486DX	1 & 2	2 & 3	1 & 2	Open	1 & 2	Open
CX486DX2	1 & 2	2 & 3	1 & 2	2 & 3	2 & 3	Open
80486DX2	1 & 2	2 & 3	1 & 2	Open	1 & 2	Open
80486DX4	1 & 2	2 & 3	1 & 2	1 & 2	1 & 2	Closed
P24D	2 & 3	2 & 3	1 & 2	Open	1 & 2	Open
P24T	2 & 3	2 & 3	1 & 2	Open	1 & 2	Open

Note: Pins designated should be in closed position.

CPU TYPE CONFIGURATION (CON'T)					
Type	JP45	JP46	JP47	JP48	JP49
CX486S	Open	Open	Closed	Closed	1 & 2
SL80486SX	Closed	Closed	Open	Open	1 & 2
80486SX	Open	Open	Open	Open	1 & 2
80487SX	Open	Open	Open	Open	1 & 2
CX486S2	Open	Open	Closed	Closed	2 & 3
CX486DX	Open	Open	Closed	Closed	1 & 2
AM80486DX	Open	Open	Open	Open	1 & 2
SL80486DX	Closed	Closed	Open	Open	1 & 2
80486DX	Open	Open	Open	Open	1 & 2
CX486DX2	Open	Open	Closed	Closed	1 & 2
80486DX2	Open	Open	Open	Open	1 & 2
80486DX4	Closed	Closed	Open	Open	1 & 2
P24D	Open	Open	Open	Open	1 & 2
P24T	Open	Open	Open	Open	1 & 2

Note: Pins designated should be in closed position.

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CPU SPEED CONFIGURATION			
Speed	JP21	JP22	JP23
20MHz	pins 2 & 3 closed	pins 2 & 3 closed	pins 1 & 2 closed
25MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
33MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
40MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
50iMHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
50MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
66iMHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
75iMHz	Open	pins 2 & 3 closed	pins 2 & 3 closed
100iMHz	pins 2 & 3 closed	Open	pins 2 & 3 closed
100iMHz	pins 2 & 3 closed	Open	Open

CPU VOLTAGE CONFIGURATION	
Voltage	JP64
3.3v	pins 3 & 5, 4 & 6 closed
5v	pins 1 & 3, 2 & 4 closed

VESA WAIT STATE CONFIGURATION	
Wait states	JP33
0 wait states	Open
1 wait state	Closed

BUS SPEED CONFIGURATION	
CPU speed	JP34
<= 33MHz	Open
> 33MHz	Closed