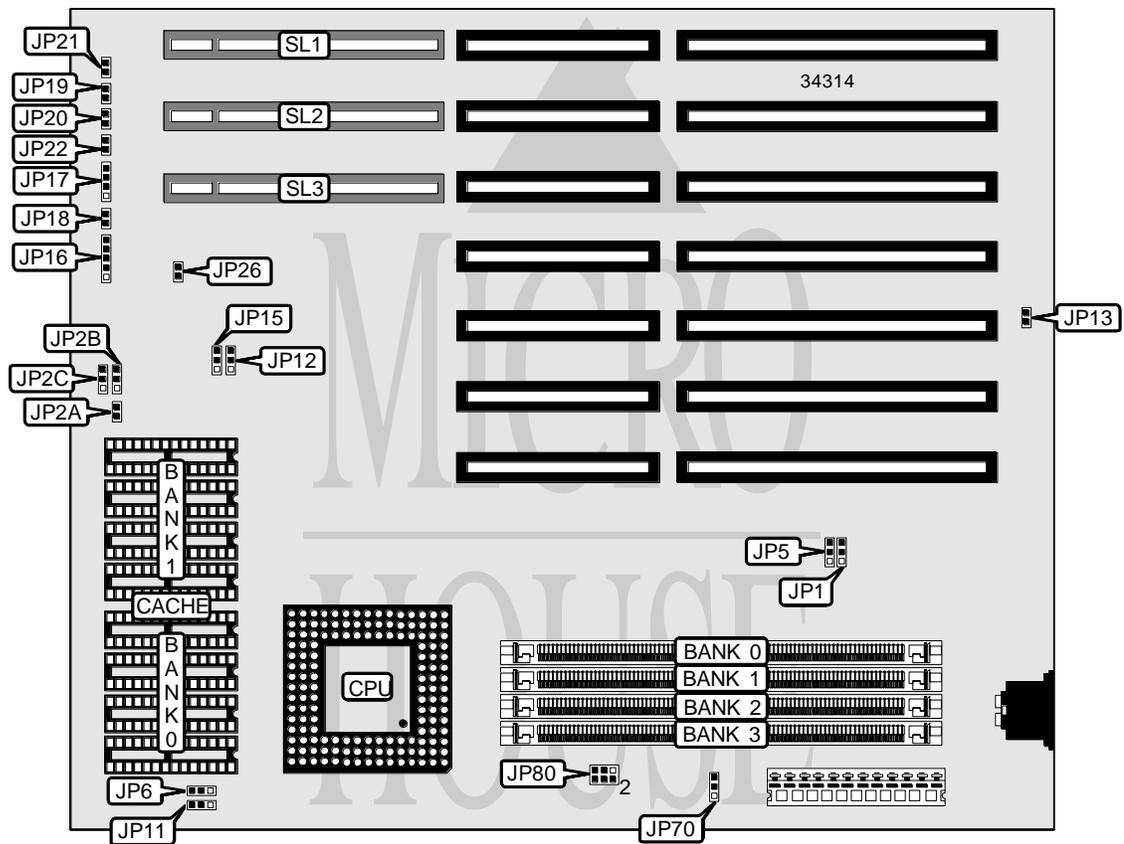


FORTRESS SYSTEMS INTERNATIONAL GENESIS II 486 VESA/ISA

Processor	CX486SX/AM486SX/80486SX/CX486DX/AM486DX/80486DX/ CX486DX2/AM486DX2/80486DX2/CX486DX4/AM486DX4/80486DX4
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/80(internal)/ 100(internal)/120(internal)MHz
Chip Set	Unidentified
Video Chip Set	None
Maximum Onboard Memory	64MB
Maximum Video Memory	None
Cache	128/256/512/1024KB
BIOS	AMI/Award/MR BIOS
Dimensions	254mm x 218mm
I/O Options	32-bit VESA local bus slots (3), green PC connector
NPU Options	None



Continued on next page. . .

FORTRESS SYSTEMS INTERNATIONAL

GENESIS II 486 VESA/ISA

... continued from previous page

CONNECTIONS			
Purpose	Location	Purpose	Location
Power LED & keylock	JP16	Green PC connector	JP20
Speaker	JP17	Turbo LED	JP21
Green PC LED	JP18	Reset switch	JP26
Turbo switch	JP19	32-bit VESA local bus slots	SL1 – SL3

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP1	Pins 1 & 2 closed
CMOS memory clear	JP1	Pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(1) 256K x 36	None	None	None
2MB	(1) 256K x 36	(1) 256K x 36	None	None
2MB	(1) 512K x 36	None	None	None
3MB	(1) 256K x 36	(1) 512K x 36	None	None
3MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	None
4MB	(1) 256K x 36			
4MB	(1) 512K x 36	(1) 512K x 36	None	None
4MB	(1) 1M x 36	None	None	None
5MB	(1) 256K x 36	(1) 1M x 36	None	None
5MB	(1) 256K x 36	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36
6MB	(1) 512K x 36	(1) 1M x 36	None	None
8MB	(1) 1M x 36	(1) 1M x 36	None	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	None
16MB	(1) 1M x 36			
16MB	(1) 2M x 36	(1) 2M x 36	None	None
16MB	(1) 4M x 36	None	None	None
32MB	(1) 4M x 36	(1) 4M x 36	None	None
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	None
64MB	(1) 4M x 36			

Note: Board accepts x 32 SIMMs.

Continued on next page. . .

FORTRESS SYSTEMS INTERNATIONAL

GENESIS II 486 VESA/ISA

... continued from previous page

DRAM JUMPER CONFIGURATION	
Setting	JP70
1 BK installed	Pins 1 & 2 closed
2 BK installed	Pins 2 & 3 closed

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
128KB	(4) 32K x 8	None
256KB (A)	(4) 32K x 8	(4) 32K x 8
256KB (B)	(4) 64K x 8	None
512KB (A)	(4) 128K x 8	None
512KB (B)	(4) 64K x 8	(4) 64K x 8
1MB	(4) 128K x 8	(4) 128K x 8

CACHE JUMPER CONFIGURATION			
Size	JP6	JP11	JP12
128KB	Open	Pins 2 & 3 closed	Pins 1 & 2 closed
256KB (A)	Open	Pins 1 & 2 closed	Pins 1 & 2 closed
256KB (B)	Open	Pins 2 & 3 closed	Pins 1 & 2 closed
512KB (A)	Open	Pins 2 & 3 closed	Pins 2 & 3 closed
512KB (B)	Pins 1 & 2 closed	Open	Pins 2 & 3 closed
1MB	Pins 2 & 3 closed	Open	Pins 2 & 3 closed

CPU SPEED SELECTION				
Speed	JP2A	JP2B	JP2C	JP22
25MHz	Closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Open
33MHz	Closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Open
40MHz	Open	Pins 1 & 2 closed	Pins 2 & 3 closed	Closed
50iMHz	Closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Open
50MHz	Open	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed
66iMHz	Closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Open
75iMHz	Closed	Pins 1 & 2 closed	Pins 2 & 3 closed	Open
80iMHz	Open	Pins 1 & 2 closed	Pins 2 & 3 closed	Closed
100iMHz	Closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Open
120iMHz	Open	Pins 1 & 2 closed	Pins 2 & 3 closed	Closed

CPU TYPE SELECTION	
Type	JP15
Cyrix	Pins 2 & 3 closed
AMD	Pins 1 & 2 closed
Intel	Pins 1 & 2 closed

Continued on next page...

FORTRESS SYSTEMS INTERNATIONAL
GENESIS II 486 VESA/ISA

... continued from previous page

VL BUS SPEED SELECTION	
Speed	JP13
<= 33MHz	Closed
>33 MHz	Open

FLASH BIOS VOLTAGE SELECTION		
Voltage	JP5	JP80
5v	Pins 1 & 2 closed	Pins 1 & 3, 2 & 4 closed
12v	Pins 2 & 3 closed	Pins 3 & 5, 4 & 6 closed