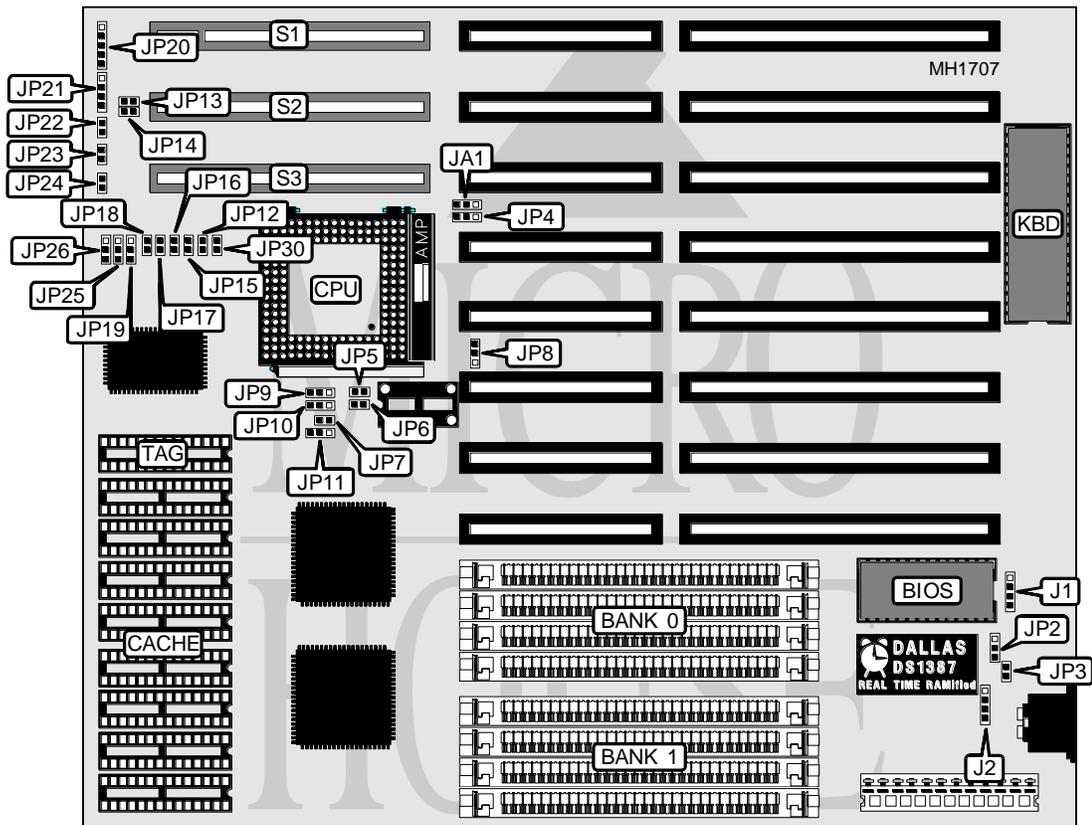


YOUNG MICRO SYSTEMS, INC.

VS486F/S-3VL

Processor	80486SX/80486DX/80486DX2
Processor Speed	25/33/40/50(internal)/66(internal)MHz
Chip Set	Symphony
Max. Onboard DRAM	64MB
Cache	64/256/1024KB
BIOS	AMI
Dimensions	230mm x 218mm
I/O Options	32-bit VESA local bus slots (3)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Turbo switch	JP24
Power LED & keylock	JP20	32-bit VESA Local bus slot	S1
Speaker	JP21	32-bit VESA Local bus slot	S2
Reset switch	JP22	32-bit VESA Local bus slot	S3
Turbo LED	JP23		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	J2	Unknown
í Flash BIOS write protect enabled	JP2	pins 1 & 2 closed
Flash BIOS write protect disabled	JP2	pins 2 & 3 closed
í Factory configured - do not alter	JP3	Unknown

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) 1M x 9	(4) 256K x 9
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE
17MB	(4) 4M x 9	(4) 256K x 9
20MB	(4) 1M x 9	(4) 4M x 9
32MB	(4) 4M x 9	(4) 4M x 9
64MB	(4) 16M x 9	NONE

CPU SPEED CONFIGURATION							
Speed	JA1	JP4	JP5	JP6	JP7	JP10	JP11
25MHz	pins 2 & 3	pins 2 & 3	Open	Closed	Closed	pins 1 & 2	pins 2 & 3
33MHz	pins 2 & 3	pins 2 & 3	Closed	Open	Closed	pins 1 & 2	pins 2 & 3
50I MHz	pins 1 & 2	pins 1 & 2	Open	Closed	Closed	pins 1 & 2	pins 1 & 2
66I MHz	pins 2 & 3	pins 2 & 3	Closed	Open	Closed	pins 1 & 2	pins 2 & 3

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION								
Speed	JP12	JP13	JP14	JP15	JP16	JP17	JP18	JP30
25MHz	Closed	Open	Closed	Open	Open	Closed	Open	Open
33MHz	Closed	Open	Closed	Open	Open	Closed	Open	Open
50I MHz	Closed	Closed	Open	Open	Closed	Closed	Closed	Open
66I MHz	Closed	Closed	Open	Open	Closed	Closed	Closed	Open

CACHE CONFIGURATION			
Size	Max Cachable	Cache	TAG
64KB	8MB	(4) 8K x 8	(1) 8K x 8
128KB	32MB	(4) 32K x 8	(1) 32K x 8
256KB	64MB	(4) 128K x 8	(1) 128K x 8

CACHE JUMPER CONFIGURATION					
Size	JP8	JP9	JP19	JP25	JP26
64KB	pins 2 & 3	pins 1 & 2			
256KB	pins 2 & 3	pins 1 & 2	pins 2 & 3	pins 2 & 3	pins 2 & 3
1MB	pins 1 & 2	pins 2 & 3			