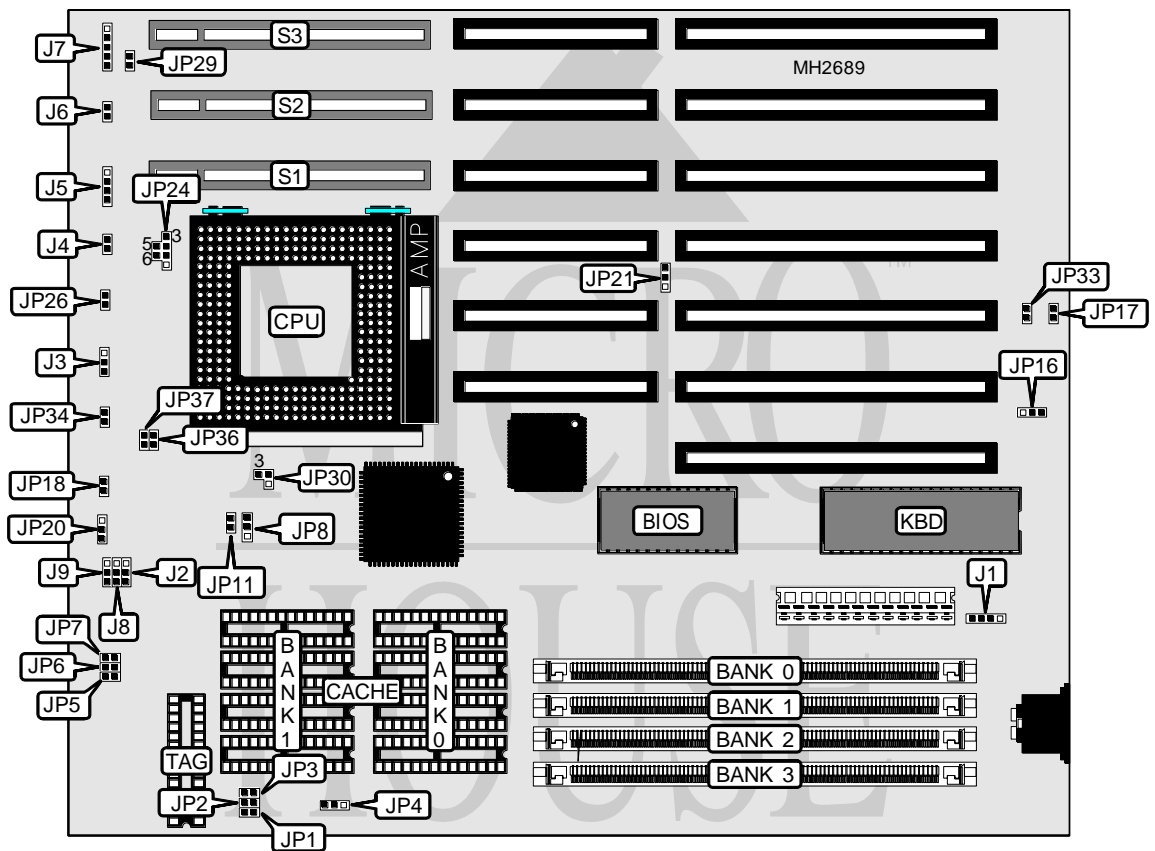


GIGA-BYTE TECHNOLOGY CO., INC.

GA-486VS REV.8C

Processor	CX486M6/AM486/80486SX/80486DX/80486DX2/80486DX4/Pentium Overdrive
Processor Speed	25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz
Chip Set	SIS
Max. Onboard DRAM	128MB
Cache	64/128/256/512KB
BIOS	Award
Dimensions	230mm 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	Power LED & keylock	J7
Turbo switch	J3	Green PC connector	JP33
Turbo LED	J4	Green PC LED connector	JP34
Speaker	J5	32-bit VESA local bus slots	S1 - S3
Reset switch	J6		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CPU type select all CPU's	JP11	Closed
CPU type select AMD CPU only	JP11	Open
í CMOS memory normal operation	JP16	pins 1 & 2 closed
CMOS memory clear	JP16	pins 2 & 3 closed
í Monitor type select CGA	JP17	Closed
Monitor type select all others	JP17	Open
í CPU type select all CPU types	JP21	pins 2 & 3 closed
CPU type select Cyrix, P24D, AMD enhanced CPU only	JP21	pins 1 & 2 closed
í Green PC normal operation	JP26	Open
Green PC green mode	JP26	Closed
í Cache type select write through	JP30	pins 2 & 3 closed
Cache type select write back	JP30	pins 1 & 2 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
4MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	NONE
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
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	NONE
6MB	(1) 512K x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 256K x 36	(1) 256K x 36	(1) 512K x 36	(1) 1M x 36
8MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	NONE
8MB	(1) 1M x 36	(1) 1M x 36	NONE	NONE
8MB	(1) 2M x 36	NONE	NONE	NONE
10MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	NONE
16MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36	NONE	NONE
16MB	(1) 4M x 36	NONE	NONE	NONE
17MB	(1) 256K x 36	(1) 4M x 36	NONE	NONE
18MB	(1) 256K x 36	(1) 256K x 36	(1) 4M x 36	NONE
18MB	(1) 512K x 36	(1) 4M x 36	NONE	NONE
20MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 512K x 36	(1) 512K x 36	(1) 1M x 36	(1) 4M x 36
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
24MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	NONE

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DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
32MB	(1) 8M x 36	NONE	NONE	NONE
36MB	(1) 512K x 36	(1) 512K x 36	(1) 4M x 36	(1) 4M x 36
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
36MB	(1) 1M x 36	(1) 8M x 36	NONE	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
40MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	NONE
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
48MB	(1) 4M x 36	(1) 8M x 36	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
64MB	(1) 16M x 36	NONE	NONE	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	NONE
64MB	(1) 8M x 36	(1) 8M x 36	NONE	NONE
65MB	(1) 256K x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 16M x 36	NONE	NONE
68MB	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 16M x 36	NONE
72MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36	(1) 8M x 36
80MB	(1) 4M x 36	(1) 16M x 36	NONE	NONE
80MB	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36	NONE
96MB	(1) 4M x 36	(1) 4M x 36	(1) 16M x 36	NONE
96MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36	(1) 8M x 36
96MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	NONE
128MB	(1) 16M x 36	(1) 16M x 36	NONE	NONE
128MB	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36	(1) 8M x 36

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 x 8 or (1) 32K x 8
256KB	(4) 64K x 8	NONE	(1) 16K x 8 or (1) 32K x 8
512KB	(4) 128K x 8	NONE	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP1	JP2	JP3	JP4
64KB	Open	Open	Open	N/A
128KB	Closed	Open	Open	pins 1 & 2 closed
256KB	Closed	Closed	Open	pins 2 & 3 closed
256KB	Closed	Closed	Open	pins 1 & 2 closed
512KB	Closed	Closed	Closed	pins 1 & 2 closed

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CPU TYPE CONFIGURATION	
Type	JP24
CX486M6	pins 2 & 3 closed
AM486SL	pins 2 & 5 closed
P24D	pins 2 & 5 closed
AM486DX4 2x	pins 3 & 4 closed
AM486DX4 3x	pins 3 & 4 open
80486DX4 2x	pins 3 & 4 closed
80486DX4 3x	pins 3 & 4 open

CPU TYPE CONFIGURATION		
Type	JP8	JP18
CX486M6	N/A	Open
80486SX	pins 2 & 3 closed	Closed
80486DX	pins 1 & 2 closed	Closed
80486DX2	pins 1 & 2 closed	Closed
80486DX4	pins 1 & 2 closed	Closed
Pentium Overdrive	pins 1 & 2 closed	Closed

CPU SPEED CONFIGURATION				
Speed	JP5	JP6	JP7	JP29
25MHz	Open	Open	Closed	Open
33MHz	Closed	Closed	Closed	Open
40MHz	Open	Closed	Closed	Closed
50iMHz	Open	Open	Closed	Open
50MHz	Closed	Open	Open	Closed
66iMHz	Closed	Closed	Closed	Open
75i (40 x 2) MHz	Open	Closed	Closed	Closed
75i (25 x 3) MHz	Open	Open	Closed	Open
100i (50 x 2) MHz	Closed	Open	Open	Closed
100i (33 x 3) MHz	Closed	Closed	Closed	Open

CPU VOLTAGE CONFIGURATION		
Function	JP36	JP37
3.3 v	Open	Open
5 v	Closed	Closed

VOLTAGE DELAY CONFIGURATION				
Function	J2	J8	J9	JP20
Normal card installed	1 & 2	1 & 2	1 & 2	2 & 3
Card installed needs address time	2 & 3	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in closed position. Systems utilizing cards that need more address time are: DX4-100, DX4-75, DX2-66, DX-50, DX-40, DX-33.