



# AMERICAN MEGATRENDS, INC. SUPER VOYAGER VLB-III ISA

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	J11	Open
í Factory configured - do not alter	J12	Open
í Factory configured - do not alter	J18	Open
í Factory configured - do not alter	J15	Open
í Parallel port IRQ select IRQ7	J22	pins 1 & 2 closed
Parallel port IRQ select IRQ5	J22	pins 2 & 3 closed
í Factory configured - do not alter	J26	Open
í Serial port 2 IRQ select IRQ3	J28	pins 1 & 2 closed
Serial port 2 IRQ select IRQ4	J28	pins 2 & 3 closed
í Serial port 1 IRQ select IRQ4	J29	pins 1 & 2 closed
Serial port 1 IRQ select IRQ3	J29	pins 2 & 3 closed
í On board mouse enabled	J30	pins 1 & 2 closed
On board mouse disabled	J30	pins 2 & 3 closed
í Password LED is used on front panel	J39	pins 1 & 2 closed
Password LED using J38	J39	pins 2 & 3 closed
í CPU type select PGA	J42	pins 1 & 2 closed
CPU type select PQFP	J42	pins 2 & 3 closed
í CMOS memory normal operation	J48	pins 1 & 2 closed
CMOS memory clear	J48	pins 2 & 3 closed
í BIOS type select 27256	J51	pins 1 & 2 closed
BIOS type select 27512	J51	pins 2 & 3 closed

Note: The locations of J26 & J39 are unidentified.

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

Continued on next page...

# AMERICAN MEGATRENDS, INC.

## SUPER VOYAGER VLB-III ISA

... continued from previous page

DRAM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
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
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
64KB	(4) 8K x 8	(4) 8K x 8
256KB	(4) 32K x 8	(4) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	SW1/1	SW1/2	SW1/3	SW1/4
64KB	Off	Off	Off	Off
256KB	On	On	On	On



# AMERICAN MEGATRENDS, INC.

## SUPER VOYAGER VLB-III ISA

... continued from previous page

CPU TYPE CONFIGURATION				
Type	J19	J37	J43	J54
80486SX	1 & 2, 3 & 4	Open	Open	N/A
80487SX	1 & 2, 3 & 4	Open	Open	2 & 3
80486DX/DX2	1 & 2, 3 & 4	Open	Open	1 & 2
80486DX4 (2x)	2 & 3	1 & 2	Open	1 & 2
80486DX4 (2.5x)	2 & 3	2 & 3	Open	1 & 2
80486DX4 (3x)	2 & 3	Open	Open	1 & 2
P23T	1 & 2, 3 & 4	Open	Open	2 & 3
P4S, P23S, P24S	2 & 3	Open	Open	1 & 2
P24CT	3 & 4	Open	Closed	2 & 3
P24D	3 & 4	Open	Closed	1 & 2
Pentium Overdrive	3 & 4	Open	Closed	2 & 3

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)			
Type	J55	J56	J57
80486SX	2 & 3	Open	1 & 2, 3 & 4, 5 & 6
80487SX	1 & 2, 3 & 4	Open	1 & 2, 3 & 4, 5 & 6
80486DX/DX2	1 & 2, 3 & 4	Open	1 & 2, 3 & 4, 5 & 6
80486DX4 (2x)	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	Open
80486DX4 (2.5x)	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	Open
80486DX4 (3x)	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	Open
P23T	1 & 2, 3 & 4	Open	1 & 2, 3 & 4, 5 & 6
P4S, P23S, P24S	1 & 2, 3 & 4	Open	1 & 2, 3 & 4, 5 & 6
P24CT	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	Open
P24D	1 & 2, 3 & 4	1 & 2, 3 & 4, 5 & 6	1 & 2, 3 & 4, 5 & 6
Pentium Overdrive	1 & 2, 3 & 4	Open	1 & 2, 3 & 4, 5 & 6

Note: Pins designated should be in the closed position.

VESA SPEED (ID2 & ID3) CONFIGURATION		
Speed	J16 (ID3)	J17 (ID2)
25MHz	pins 1 & 2 closed	pins 1 & 2 closed
33MHz	pins 1 & 2 closed	pins 1 & 2 closed
40MHz	pins 2 & 3 closed	pins 2 & 3 closed
50iMHz	pins 1 & 2 closed	pins 1 & 2 closed
50MHz	pins 2 & 3 closed	pins 2 & 3 closed
66iMHz	pins 1 & 2 closed	pins 1 & 2 closed
75iMHz	pins 1 & 2 closed	pins 1 & 2 closed
100iMHz	pins 2 & 3 closed	pins 2 & 3 closed

DMA CONFIGURATION		
DMA	J41	J44
None	Open	Open
DRQ0	pins 1 & 2 closed	pins 1 & 2 closed
DRQ1	pins 3 & 4 closed	pins 3 & 4 closed
DRQ3	pins 5 & 6 closed	pins 5 & 6 closed