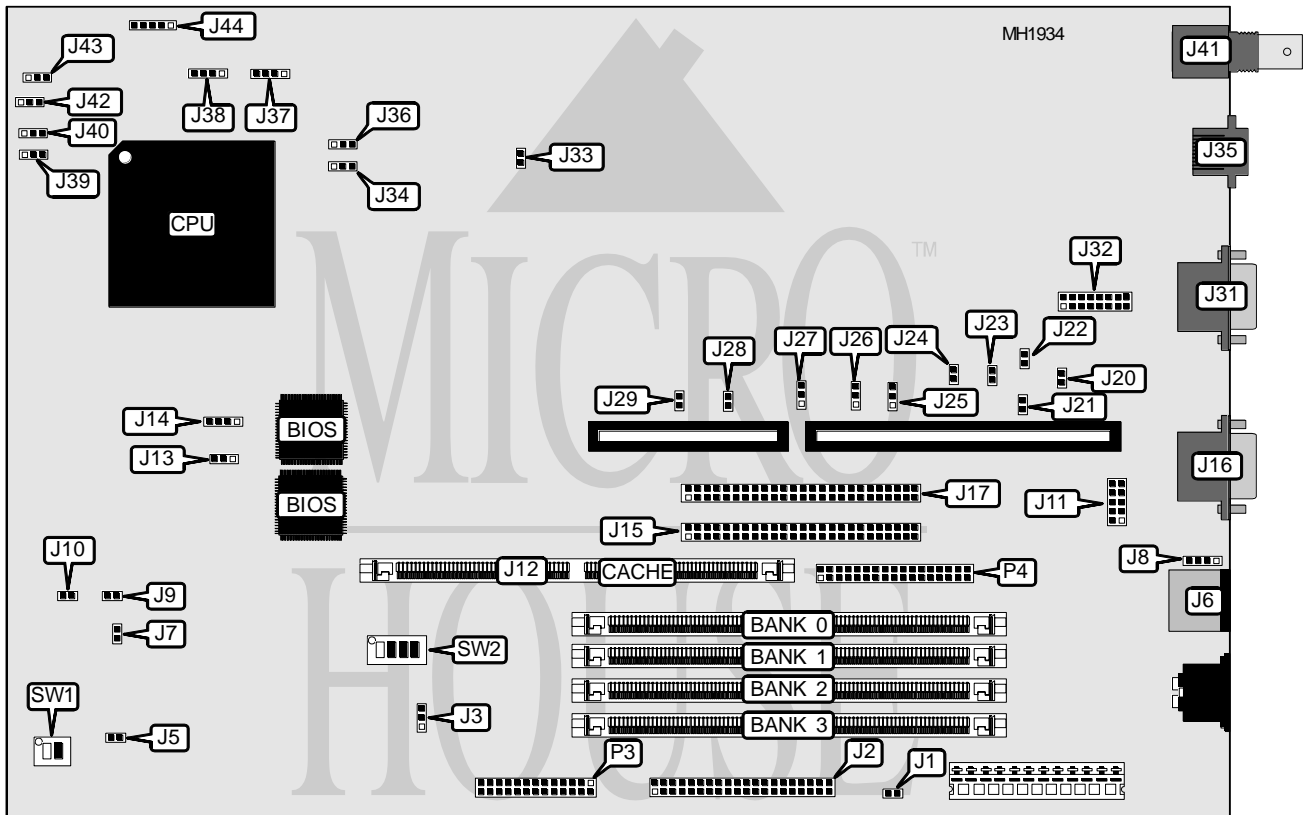


# AMERICAN MEGATRENDS, INC. OMNI BUSINESS PARTNER

<b>Processor</b>	80486SX/80487SX/80486DX/ODP486SX/80486DX2/Pentium Overdrive
<b>Processor Speed</b>	20/25/33/50(internal)/66(internal)MHz
<b>Chip Set</b>	AMI
<b>Max. Onboard DRAM</b>	20MB
<b>Cache</b>	256KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	Floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA port
<b>NPU Options</b>	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
IDE interface	J2	RJ48 10BaseT connector	J35
Onboard battery	J5	SCSI LED	J37
PS/2 mouse connector	J6	Speaker	J38
External battery	J8	Reset switch	J39
Serial port 2	J11	Turbo switch	J40
Secondary cache connector	J12	BNC 10Base2 connector	J41
SCSI connector (internal)	J15	IDE interface LED	J42
Serial port 1	J16	Turbo LED	J43
SCSI 1	J17	Keyboard lock connector	J44
VGA port	J31	Parallel port	P3
AUI connector	J32	Floppy drive interface	P4

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í PowerGood signal from DS1231	J1	Open
PowerGood signal not from DS1231 (not installed)	J1	Closed
í Factory configured do not alter	J3	N/A
í Flash ROM programming disabled	J7	Open
Flash ROM programming enabled	J7	Closed
í Factory configured do not alter	J20	Closed
í Video memory DRAM cycle select (6 MCLK RAS)	J21	Open
Video memory DRAM cycle select (7 MCLK RAS)	J21	Closed
í VGA controller IRQ NOT routed to IRQ9	J22	Open
VGA controller IRQ routed to IRQ9	J22	Closed
í Enables IRQ12 for onboard PS/2 mouse	J27	pins 2 & 3 closed
Disables IRQ12 for onboard PS/2 mouse	J27	pins 1 & 2 closed
í Enables IRQ10 for NCR SCSI I/O processor	J28	Closed
Disables IRQ10 for NCR SCSI I/O processor	J28	Open
í Enables IRQ11 for onboard LAN controller	J29	Closed
Disables IRQ11 for onboard LAN controller	J29	Open
í VGA onboard controller enabled	J33	Closed
VGA onboard controller disabled	J33	Open
í CMOS memory normal operation	J34	pins 2 & 3 closed
CMOS memory clear	J34	pins 1 & 2 closed
í Onboard SCSI termination chip enabled	J36	pins 2 & 3 closed
Onboard SCSI termination chip disabled	J36	pins 1 & 2 closed
í Factory configured do not alter	SW1/1	Off
í Monitor type select monochrome	SW1/2	Off
Monitor type select color	SW1/2	On
64KB Cache enabled	SW2/1, 2, 3, 4	Off
256KB Cache enabled	SW2/1, 2, 3, 4	On

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SERIAL PORT IRQ CONFIGURATION			
Port 1 (J16)	Port 2 (J11)	J25	J26
í IRQ4	í IRQ3	pins 1 & 2 closed	pins 1 & 2 closed
IRQ3	IRQ4	pins 2 & 3 closed	pins 2 & 3 closed

CPU FREQUENCY CONFIGURATION		
Frequency	J9	J10
í 33 Mhz	Open	Open
25 Mhz	Closed	Open

CPU TYPE CONFIGURATION		
CPU Type	J13	J14
80486SX	pins 1 & 2 closed	pins 2 & 3 closed
80487SX	pins 2 & 3 closed	all closed
80486DX	pins 1 & 2 closed	all closed
ODP486SX	pins 2 & 3 closed	all closed
80486DX2	pins 1 & 2 closed	all closed
Pentium Overdrive	pins 2 & 3 closed	all closed

MEMORY CLOCK SPEED OF THE CLGD5426		
Frequency	J23	J24
50.11 MHz	Closed	Closed
44.74 MHz	Closed	Open
41.16 MHz	Open	Closed
37.58 MHz	Open	Open

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
4MB	(1) 1M x 36	NONE	NONE	NONE
6MB	(1) 256K x 36	(1) 256K x 36	(1) 1M x 36	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) 256K 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) 4M x 36	NONE	NONE	NONE
20MB	(1) 1M x 36	(1) 4M x 36	NONE	NONE
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	NONE
32MB	(1) 4M x 36	(1) 4M x 36	NONE	NONE
36MB	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36	NONE
40MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	NONE
64MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36