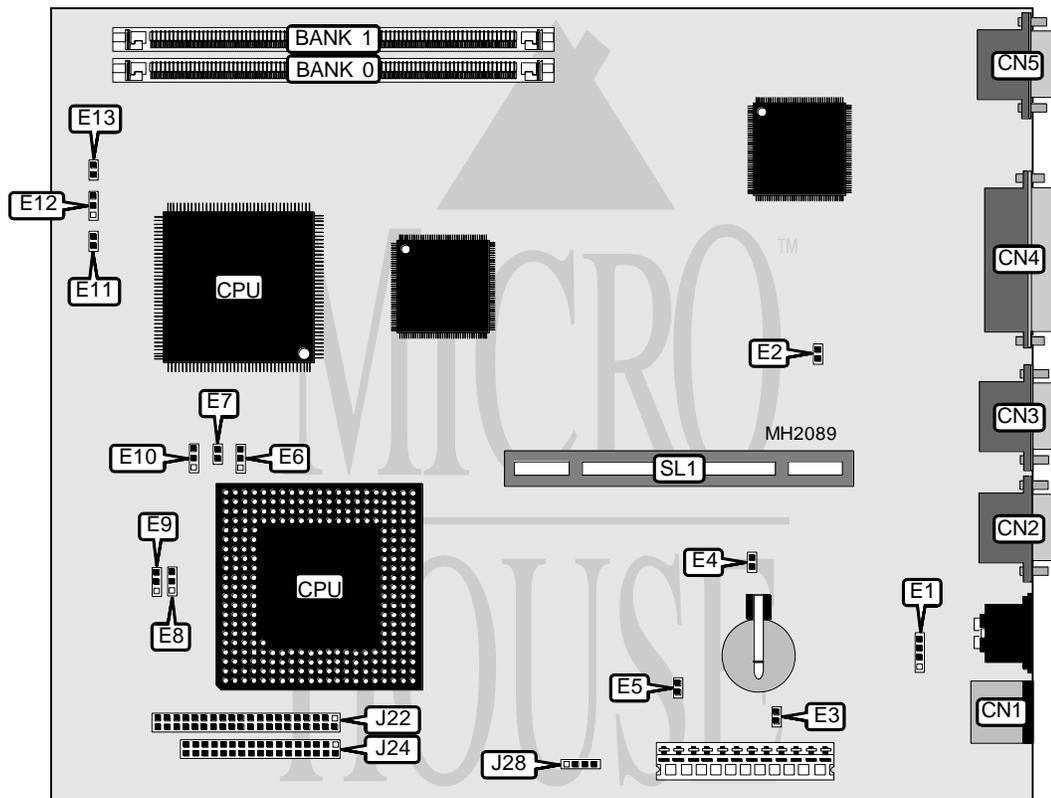


## AST RESEARCH, INC.

## ADVANTAGE! (94) 486 (202601-XXX)

<b>Processor</b>	80486SX/80487SX/80486DX/ODP486SX/80486DX2/Pentium Overdrive
<b>Processor Speed</b>	25/33/50(internal)/66(internal)MHz
<b>Chip Set</b>	AST
<b>Max. Onboard DRAM</b>	32MB
<b>Cache</b>	None
<b>BIOS</b>	AMI
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	PS/2 mouse port, floppy drive interface, IDE interface, parallel port, serial ports (2), VGA port
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
PS/2 mouse port	CN1	Power LED & keylock (not used)	E12
Serial port 2	CN2	IDE interface LED (not used)	E13
Serial port 1	CN3	IDE interface	J22
Parallel port	CN4	Floppy drive interface	J24
VGA port	CN5	Chassis fan power	J28
Reset switch (not used)	E11	Riser card	SL1

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**ADVANTAGE! (94) 486 (202601-XXX)**

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Parallel port IRQ select IRQ7	E1	pins 1 & 2 closed
Parallel port IRQ select IRQ5	E1	pins 2 & 3 closed
í On board video enabled	E3	Closed
On board video disabled	E3	Open
í Monitor type select color	E4	Open
Monitor type select monochrome	E4	Closed
í CMOS memory normal operation	E5	Open
CMOS memory clear	E5	Closed

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
4MB	(1) 512K x 36	(1) 512K x 36
4MB	(1) 1M x 36	NONE
5MB	(1) 1M x 36	(1) 256K x 36
6MB	(1) 1M x 36	(1) 512K x 36
8MB	(1) 1M x 36	(1) 1M x 36
9MB	(1) 2M x 36	(1) 256K x 36
10MB	(1) 2M x 36	(1) 512K x 36
12MB	(1) 2M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36
17MB	(1) 4M x 36	(1) 256K x 36
18MB	(1) 4M x 36	(1) 512K x 36
20MB	(1) 4M x 36	(1) 1M x 36
24MB	(1) 4M x 36	(1) 2M x 36
32MB	(1) 4M x 36	(1) 4M x 36

CPU SPEED CONFIGURATION	
Speed	E2
25MHz	Closed
33MHz	Open
50iMHz	Closed
66iMHz	Open

CPU TYPE CONFIGURATION					
Type	E6	E7	E8	E9	E10
80486SX (PQFP)	1 & 2	Closed	2 & 3	1 & 2	2 & 3
80486SX (PGA)	1 & 2	Open	1 & 2	2 & 3	1 & 2
80487SX, ODP	1 & 2	Closed	2 & 3	1 & 2	2 & 3
80486DX,DX2,ODPR	1 & 2	Closed	1 & 2	2 & 3	2 & 3
Pentium Overdrive	2 & 3	Closed	2 & 3	1 & 2	2 & 3

Note: Pins designated should be in the closed position.