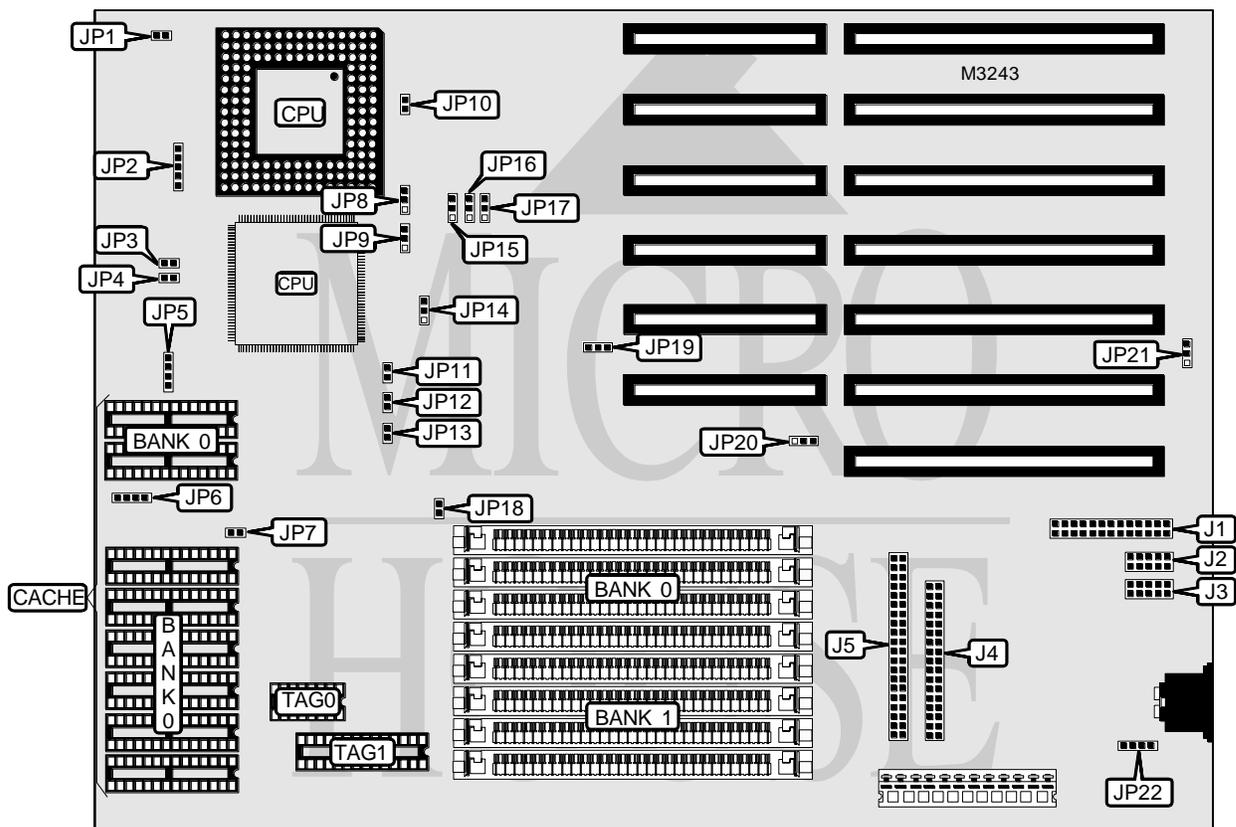


# AST RESEARCH, INC.

## ADVANTAGE! PLUS SERIES 486 (MYLEX) (202529-000, 006)

<b>Processor</b>	80486SX/80487SX/ODP486/ODPR486/80486DX/80486DX2
<b>Processor Speed</b>	25/33/50(internal)/66(internal)MHz
<b>Chip Set</b>	Unidentified
<b>Max. Onboard DRAM</b>	32MB
<b>Cache</b>	64/256KB
<b>BIOS</b>	AMI
<b>Dimensions</b>	330mm x 218mm
<b>I/O Options</b>	Floppy drive interface, IDE interface, parallel port, serial ports (2)
<b>NPU Options</b>	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Parallel port	J1	Turbo LED	JP3
Serial port 2	J2	Reset switch	JP4
Serial port 1	J3	Speaker	JP5
Floppy drive interface	J4	IDE interface LED	JP6
IDE interface	J5	External battery	JP22
Power LED & keylock	JP2		

Continued on next page. . .

# AST RESEARCH, INC.

## ADVANTAGE! PLUS SERIES 486 (MYLEX) (202529-000, 006)

... continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select color	JP1	Closed
Monitor type select monochrome	JP1	Open
í Factory configured - do not alter	JP18	Open
í Parallel port IRQ select IRQ7	JP19	Pins 2 & 3 closed
Parallel port IRQ select IRQ5	JP19	Pins 1 & 2 closed
í On board I/O enabled	JP20	Pins 1 & 2 closed
On board I/O disabled	JP20	Pins 2 & 3 closed
í Battery type select internal	JP21	Pins 2 & 3 closed
Battery type select external	JP21	Open
CMOS memory clear	JP21	Pins 1 & 2 closed

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
20MB	(4) 4M x 9	(4) 1M x 9
32MB	(4) 4M x 9	(4) 4M x 9

CACHE CONFIGURATION			
Size	Bank 0	TAG0	TAG1
64KB	(8) 8K x 8	(1) 64K x 1	(1) 8K x 8
256KB	(8) 32K x 8	(1) 64K x 1	(1) 32K x 8

CACHE JUMPER CONFIGURATION				
Size	JP7	JP11	JP12	JP13
None	Open	Open	Open	Open
64KB	Open	Open	Open	Open
256KB	Closed	Closed	Open	Closed

CPU TYPE CONFIGURATION			
Type	JP8	JP9	JP10
80486SX	Open	Pins 2 & 3 closed	Open
80487SX	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed
ODP486	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed
ODPR486	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed
80486DX	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed
80486DX2	Pins 1 & 2 closed	Pins 1 & 2 closed	Closed

Continued on next page...

AST RESEARCH, INC.

ADVANTAGE! PLUS SERIES 486 (MYLEX) (202529-000,  
006)

... continued from previous page

CPU SPEED CONFIGURATION				
Speed	JP14	JP15	JP16	JP17
25MHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
33MHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
50iMHz	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 2 & 3 closed
66iMHz	Pins 2 & 3 closed	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 2 & 3 closed