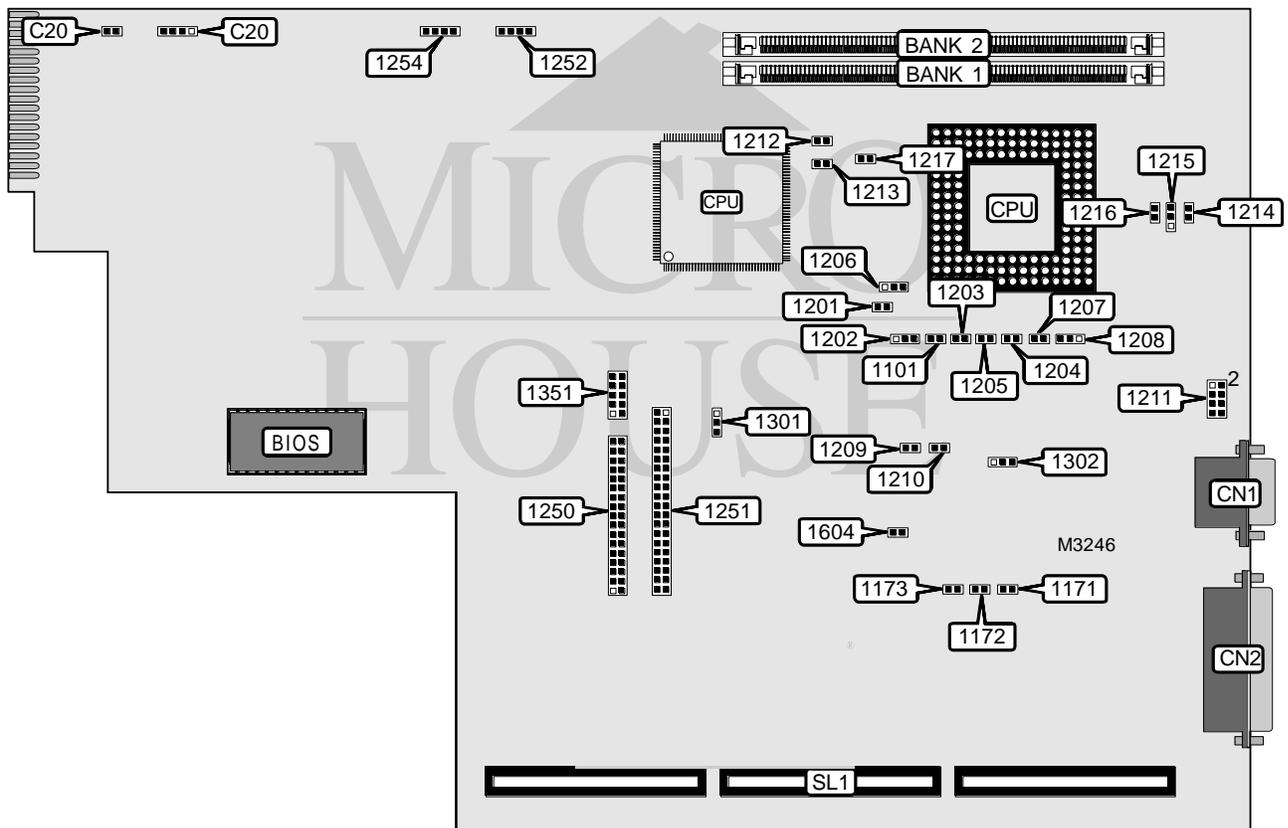


AST RESEARCH, INC.

ADVANTAGE! 4000 SERIES 486 (234068-001)

Processor	80486SX/SL80486SX/ODP486/80486DX/SL80486DX/CX486DX2SL/ AM486DX2SL/80486DX2
Processor Speed	25/33/50(internal)/66(internal)MHz
Chip Set	Unidentified
Max. Onboard DRAM	36MB
Cache	None
BIOS	AST
Dimensions	330mm x 218mm
I/O Options	Floppy drive interface, IDE interface, parallel port, serial port, riser slot, power to hard drive, power to floppy drive, power to CD-ROM, data/fax modem cabled
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Speaker	C20 (2-pin)	Power to hard drive connector	1245
Front panel LED's	C20 (4-pin)	Floppy drive interface	1250
Power to CD-ROM power connector	CD-ROM PWR	IDE interface	1251
Serial port	CN1	Alternate power connector	1252
Parallel port	CN2	Front panel LED connector	1351
Power to floppy drive connector	FDD PWR	Cable to data/fax modem	1604
Chassis fan power	J28	Riser slot	SL1
Note: The locations of 1245, 1604, J28, FDD PWR & CD-ROM power are unidentified.			

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ADVANTAGE! 4000 SERIES 486 (234068-001)

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	1101	N/A
í Factory configured - do not alter	1254	N/A
í Factory configured - do not alter	1604	N/A

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
4MB	4MB	None	None
8MB	4MB	(1) 1M x 32	None
12MB	4MB	(1) 1M x 32	(1) 1M x 32
20MB	4MB	(1) 4M x 32	(1) 4M x 32
36MB	4MB	(1) 4M x 32	(1) 4M x 32

Note: Bank 0 is factory installed and is not configurable. The location is unidentified.

CPU TYPE CONFIGURATION					
Type	1201	1202	1203	1204	1205
80486SX	Open	2 & 3	Open	Open	Open
SL80486SX	Open	2 & 3	Closed	Closed	Open
ODP486	Open	1 & 2	Open	Open	Open
80486DX	Closed	1 & 2	Open	Open	Open
SL80486DX	Closed	1 & 2	Closed	Closed	Open
CX486DX2SL	Closed	1 & 2	Open	Open	Open
AM486DX2SL	Closed	1 & 2	Open	Open	Open
80486DX2	Closed	1 & 2	Open	Open	Open

Note: Pins designated should be in the closed position.

CPU TYPE CONFIGURATION (CON'T)					
Type	1206	1207	1208	1209	1210
80486SX	Open	Open	Open	Open	Open
SL80486SX	Open	Closed	2 & 3	Open	Open
ODP486	1 & 2	Open	Open	Open	Open
80486DX	2 & 3	Open	Open	Open	Open
SL80486DX	2 & 3	Closed	2 & 3	Open	Open
CX486DX2SL	2 & 3	Open	2 & 3	Open	Open
AM486DX2SL	2 & 3	Open	1 & 2	Closed	Closed
80486DX2	2 & 3	Open	Open	Open	Open

Note: Pins designated should be in the closed position.

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ADVANTAGE! 4000 SERIES 486 (234068-001)

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CPU TYPE CONFIGURATION (CON'T)					
Type	1211	1212	1213	1301	1302
80486SX	Open	Open	Open	1 & 2	1 & 2
SL80486SX	Open	Open	Open	1 & 2	1 & 2
ODP486	Open	Open	Open	1 & 2	1 & 2
80486DX	Open	Open	Open	1 & 2	1 & 2
SL80486DX	Open	Open	Open	1 & 2	1 & 2
CX486DX2SL	Open	Closed	Closed	2 & 3	2 & 3
AM486DX2SL	Closed	Open	Open	2 & 3	2 & 3
80486DX2	Open	Open	Open	1 & 2	1 & 2

Note: Pins designated should be in the closed position.

CPU SPEED CONFIGURATION			
Speed	1171	1172	1173
25MHz	Open	Open	Closed
33MHz	Closed	Closed	Closed
50iMHz	Open	Open	Closed
66iMHz	Closed	Closed	Closed

CPU VOLTAGE CONFIGURATION				
Voltage	1214	1215	1216	1217
3.3v	Open	Closed	Pins 2 & 3 closed	Closed
í 5v	Closed	Open	Pins 2 & 3 closed	Open