AREA ELECTRONICS SYSTEMS, INC.
M S - 4 1 0 6 / M S - 4 1 0 6 M / M S 4 1 0 6 S X

Processor	80486SX/80486DX
Processor Speed	20/25/33MHz
Chip Set	ETEQ
Max. Onboard DRAM	32MB
Cache	64/256KB
BIOS	AMI/Award/MR/Phoenix
Dimensions	330mm x 225mm
I/O Options	32-bit external memory card
NPU Options	4167
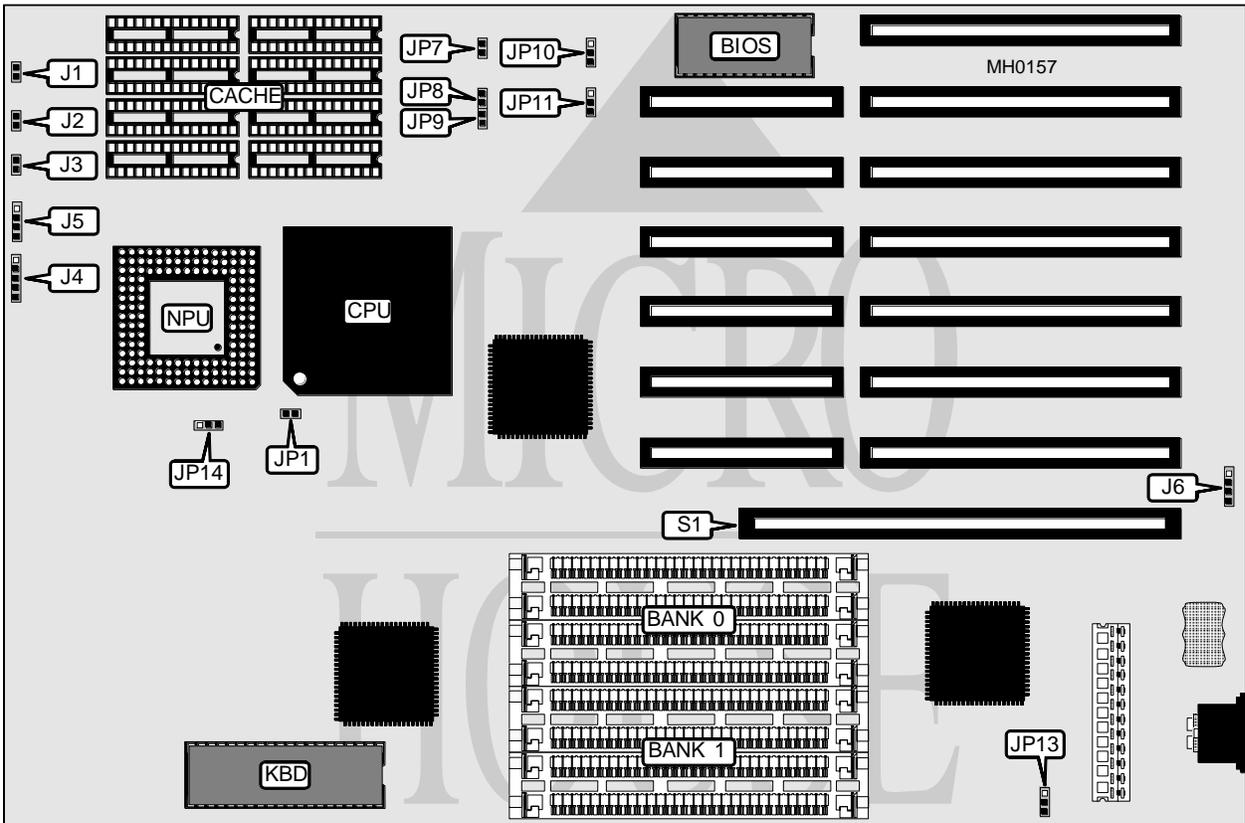
CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo switch	J1	Speaker	J5
Turbo LED	J2	External battery	J6
Reset switch	J3	32-bit external memory card	S1
Power LED & keylock	J4		

AREA ELECTRONICS SYSTEMS, INC.
MS-4106/MS-4106M/MS4106SX

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Monitor type select monochrome	JP13	pins 1 & 2 closed
Monitor type select color	JP13	pins 2 & 3 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
3MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	NONE
4MB	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE	NONE	NONE
5MB	(4) 256K x 9	(4) 1M x 9	NONE	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
9MB	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	NONE
10MB	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9	(4) 256K x 9
12MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	NONE
13MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 256K x 9
16MB	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE	NONE	NONE
17MB	(4) 4M x 9	(4) 256K x 9	NONE	NONE
20MB	(4) 4M x 9	(4) 1M x 9	NONE	NONE
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
33MB	(4) 4M x 9	(4) 4M x 9	(4) 256K x 9	NONE
34MB	(4) 4M x 9	(4) 4M x 9	(4) 256K x 9	(4) 256K x 9
36MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	NONE
37MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	(4) 256K x 9
40MB	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9	(4) 1M x 9
48MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	NONE
49MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 256K x 9
52MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 1M x 9
64MB	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9	(4) 4M x 9
Note: Banks 2 & 3 are used when a 32-bit external memory card is installed at S1.				

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

CACHE JUMPER CONFIGURATION					
Size	JP7	JP8	JP9	JP10	JP11
64KB	open	open	open	pins 2 & 3 closed	pins 2 & 3 closed
256KB	closed	closed	closed	pins 1 & 2 closed	pins 1 & 2 closed

CPU TYPE CONFIGURATION		
Type	JP1	JP14
80486SX	Open	Closed

| 80486DX | pins 1 & 2 closed | pins 2 & 3 closed |