BIOSTAR MICROTECH INTERNATIONAL CORPORATION
M B - 1 4 2 0 P A - C H / 1 4 3 3 P A - C H
KT TECHNOLOGY PTE LTD.
K T 4 3 3 O P 3 C - W B / B I

Processor	80486SX/80486DX
Processor Speed	20/33MHz
Chip Set	OPTI
Max. Onboard DRAM	64MB
Cache	64/256KB
BIOS	AMI
Dimensions	327mm x 218mm
I/O Options	None
NPU Options	4167
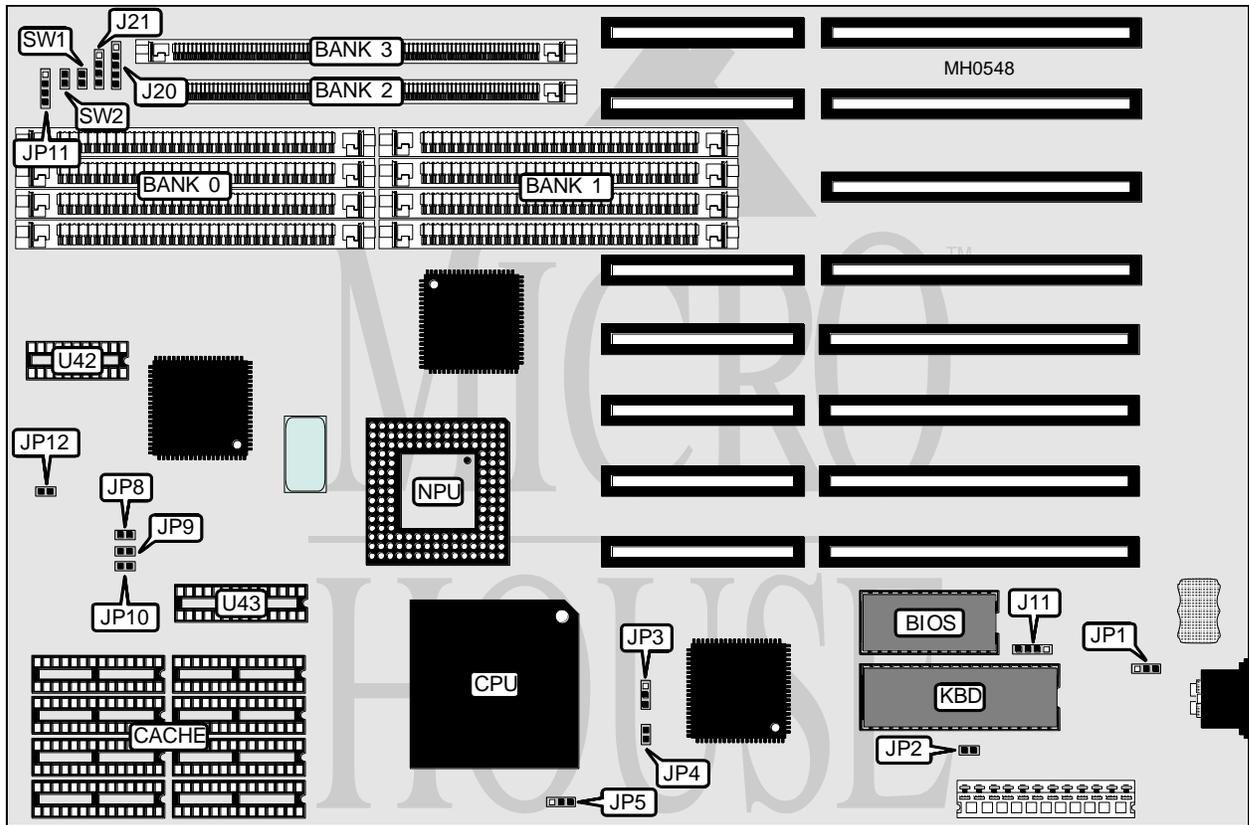
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J11	Turbo LED	JP11
Power LED & keylock	J20	Reset switch	SW1
Speaker	J21	Turbo switch	SW2

BIOSTAR MICROTECH INTERNATIONAL CORPORATION
M B - 1 4 2 0 P A - C H / 1 4 3 3 P A - C H
KT TECHNOLOGY PTE LTD.
K T 4 3 3 O P 3 C - W B / B I

. . . continued from previous page

USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP1	pins 2 & 3 closed
CMOS memory clear	JP1	pins 1 & 2 closed

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(4) 256K x 9	NONE	NONE	NONE
1MB	NONE	NONE	(1) 256K x 36	NONE
2MB	(4) 256K x 9	(4) 256K x 9	NONE	NONE
2MB	NONE	NONE	(1) 256K x 36	(1) 256K x 36
4MB	(4) 1M x 9	NONE	NONE	NONE
5MB	(4) 256K x 9	(4) 1M x 9	NONE	NONE
6MB	(4) 256K x 9	(1) 256K x 36	(1) 1M x 36	NONE
8MB	(4) 1M x 9	(4) 1M x 9	NONE	NONE
9MB	(4) 256K x 9	(4) 1M x 9	(1) 1M x 36	NONE
10MB	(4) 256K x 9	(4) 256K x 9	(1) 1M x 36	(1) 1M x 36
12MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	NONE
13MB	(4) 256K x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	(4) 1M x 9	(4) 1M x 9	(1) 1M x 36	(1) 1M x 36
16MB	(4) 4M x 9	NONE	NONE	NONE
20MB	(4) 1M x 9	(4) 4M x 9	NONE	NONE
24MB	(4) 1M x 9	(4) 1M x 9	(1) 4M x 36	NONE
28MB	(4) 1M x 9	(4) 1M x 9	(1) 4M x 36	(1) 256K x 36
32MB	(4) 4M x 9	(4) 4M x 9	NONE	NONE
36MB	(4) 1M x 9	(4) 4M x 9	(1) 4M x 36	NONE
40MB	(4) 1M x 9	(4) 1M x 9	(1) 4M x 36	(1) 4M x 36
52MB	(4) 1M x 9	(4) 4M x 9	(1) 4M x 36	(1) 4M x 36
64MB	(4) 4M x 9	(4) 4M x 9	(1) 1M x 36	(1) 1M x 36
Note: 36-bit SIMM banks 2 & 3 are not installed on some board revisions.				

CACHE CONFIGURATION				
Size	Bank 0	Bank 1	TAG	Dirty Bit
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8 at U34	(1) 64K x 1 at U46
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8 at U34	(1) 64K x 1 at U46

CACHE JUMPER CONFIGURATION				
Size	JP8	JP9	JP10	JP12
64KB	Open	Open	Open	Open
256KB	Open	Closed	Closed	Closed

CPU TYPE CONFIGURATION			
Size	JP3	JP4	JP5
80486SX	Open	Open	pins 2 & 3 closed
80486DX	pins 2 & 3 closed	Closed	pins 1 & 2 closed