SINGA
2 8 6 G

Processor   80286
Processor Speed   12MHz
Chip Set   GC
Max. Onboard DRAM   8MB
Cache   None
BIOS   Quadtel
Dimensions   330mm x 218mm
I/O Options   None
NPU Options   80287
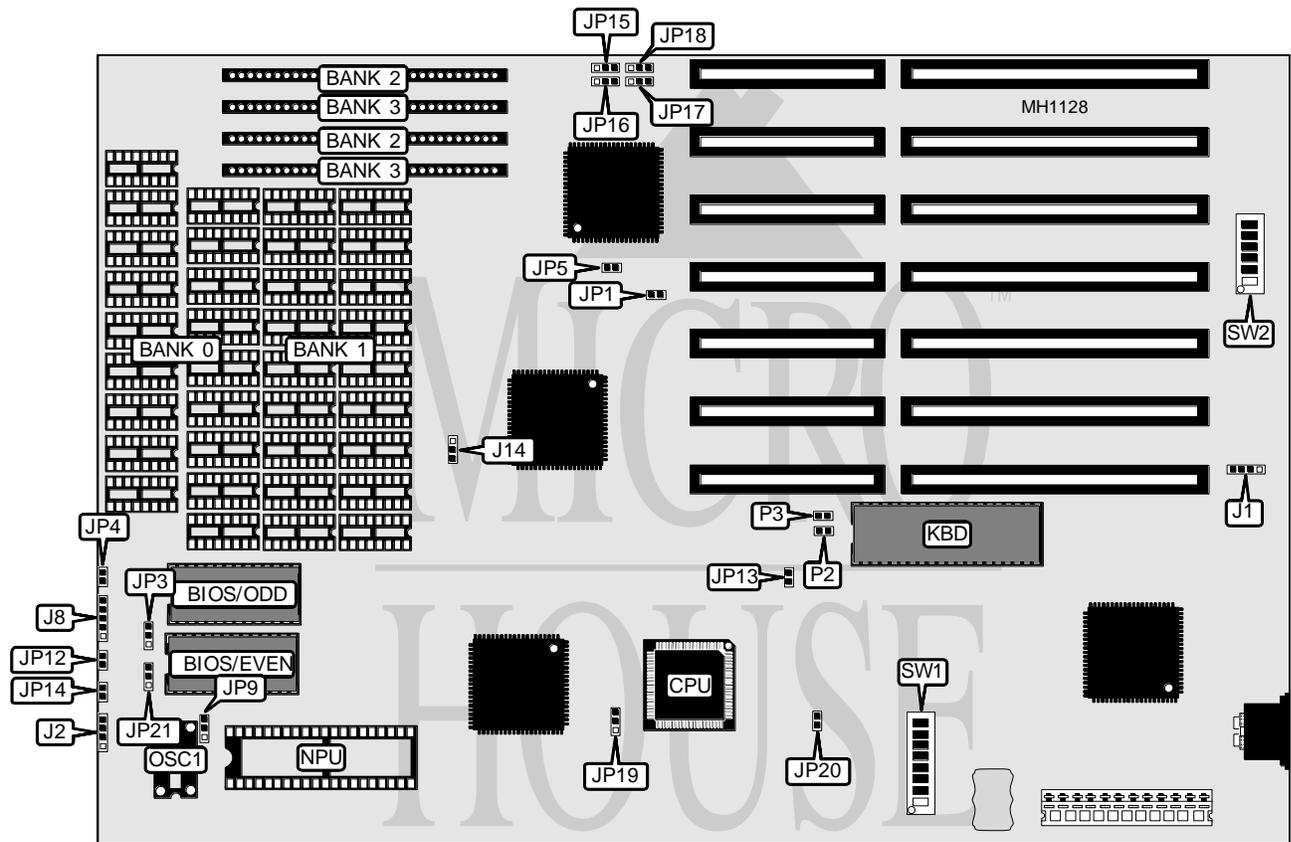
CONNECTIONS			
Purpose	Location	Purpose	Location
External battery	J1	Reset switch	JP4
Speaker	J2	Turbo LED	JP12
Power LED & keylock	J8	Turbo switch	JP14

SINGA
2 8 6 G

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í Factory configured - do not alter	JP1	N/A
í I/O wait state select one	JP5	Open
I/O wait states select zero	JP5	Closed
í NPU clock select synchronous with CPU	JP9	pins 1 & 2 closed
NPU clock select synchronous with OSC1	JP9	pins 2 & 3 closed
í Monitor type select color	JP13	Closed
Monitor type select monochrome	JP13	Open
í Parity check enabled	JP19	pins 1 & 2 closed
Parity check disabled	JP19	pins 2 & 3 closed
í Communications port select COM1/COM2	JP20	Closed
Communications port select COM3/COM4	JP20	Open
í Enable IRQ5 for parallel port	SW1/1	On
Enable IRQ7 for parallel port	SW1/2	On
í Enable IRQ3 for serial port 2	SW1/3	On
í Enable IRQ4 for serial port 1	SW1/4	On
í Port select LPT1	SW1/5	On
Port select LPT2	SW1/5	Off
í Printer port 1 enabled	SW1/6	On
Printer port 1 disabled	SW1/6	Off
í Serial port S1 enabled	SW1/7	On
Serial port S1 disabled	SW1/7	Off
í Serial port S2 enabled	SW1/8	On
Serial port S2 disabled	SW1/8	Off
í Factory configured - do not alter	SW2/1	N/A
í Memory between 640 and 1024KB available	SW2/2	On
Memory between 640 and 1024KB not available	SW2/2	Off
í SIMM type at Bank 0select 256K x 9	SW2/3	On
SIMM type at Bank 0select 1M x 9	SW2/3	Off
í I/O speed select slow	SW2/6	On
I/O speed select fast	SW2/6	Off
Note: The location of I/O ports is unidentified.		

SINGA
2 8 6 G

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
512KB	(18) 41256	NONE	NONE	NONE
512KB	NONE	NONE	(2) 256K x 9	NONE
1MB	(18) 41256	(18) 41256	NONE	NONE
1MB	NONE	NONE	(2) 256K x 9	(2) 256K x 9
1.5MB	(18) 41256	(18) 41256	(2) 256K x 9	NONE
1.5MB	(18) 41256	NONE	(2) 256K x 9	(2) 256K x 9
2MB	(18) 411000	NONE	NONE	NONE
2MB	NONE	NONE	(2) 1M x 9	NONE
3MB	(18) 411000	NONE	(2) 256K x 9	(2) 256K x 9
4MB	(18) 411000	(18) 411000	(2) 1M x 9	NONE
4MB	NONE	NONE	(2) 1M x 9	(2) 1M x 9
5MB	(18) 411000	(18) 411000	(2) 256K x 9	(2) 256K x 9
5MB	(18) 41256	(18) 41256	(2) 1M x 9	(2) 1M x 9
6MB	(18) 411000	(18) 411000	(2) 1M x 9	NONE
8MB	(18) 411000	(18) 411000	(2) 1M x 9	(2) 1M x 9

DRAM CONFIGURATION				
Size	JP15	JP16	JP17	JP18
512KB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
512KB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
1MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
1MB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
1.5MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
1.5MB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
2MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
2MB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
3MB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
4MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
4MB	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
5MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
5MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
6MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
8MB	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

BIOS CONFIGURATION		
Size	JP3	JP21
27128	pins 1 & 2 closed	pins 1 & 2 closed
27256	pins 2 & 3 closed	pins 2 & 3 closed
27512	pins 2 & 3 closed	pins 2 & 3 closed