HYUNDAI ELECTRONICS, INC.
S U P E R   3 8 6 S

Processor	80386SX
Processor Speed	16MHz
Chip Set	VLSI
Max. Onboard DRAM	8MB
Cache	None
BIOS	Phoenix
Dimensions	350mm x 304mm
I/O Options	Floppy drive interface, IDE interface, parallel port, proprietary external memory card slot, serial port
NPU Options	80387SX

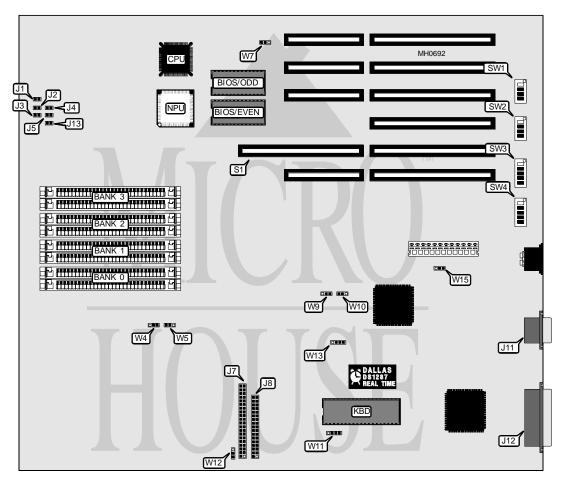| CONNECTIONS			
Purpose	Location	Purpose	Location
Reset switch	J1	IDE interface	J7
Turbo LED (slow)	J2	Floppy drive interface	J8
Turbo LED (fast)	J3	Serial port	J11
Speaker	J4	Parallel port	J12
IDE interface LED	J5	Proprietary external memory card	S1

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SUPER 386S

USER CONFIGURABLE SETTINGS		
Function	Jumper/Switch	Position
í NPU disabled	J13	Closed
NPU enabled	J13	Open
í Page-mode enabled	W1, W2, W3, & W6	pins 1 & 2 closed
Page-mode disabled	W1, W2, W3, & W6	pins 2 & 3 closed
í DRAM (8-bit) speed select 4 wait states	W4	pins 1 & 2 closed
DRAM (8-bit) speed select 5 wait states	W4	pins 2 & 3 closed
í DRAM (16-bit) speed select 1 wait states	W5	pins 1 & 2 closed
DRAM (16-bit) speed select 2 wait states	W5	pins 2 & 3 closed
í Page-mode page size select 1K	W7	pins 1 & 2 closed
Page-mode page size select 2K	W7	pins 2 & 3 closed
í Floppy drive type select dual speed	W11 pins 1 & 2	Open
Floppy drive type select single speed	W11 pins 1 & 2	Closed
í Floppy drive precompensation time 187ns	W11 pins 3 & 4	Open
Floppy drive precompensation time 125ns	W11 pins 3 & 4	Closed
í Monitor type select color	W12	pins 1 & 2 closed
Monitor type select monochrome	W12	pins 2 & 3 closed
í IDE interface enabled	W13 pins 1 & 2	Open
IDE interface disabled	W13 pins 1 & 2	Closed
í Floppy drive interface enabled	W13 pins 3 & 4	Open
Floppy drive interface enabled	W13 pins 3 & 4	Closed
í IDE drive type select Conner CP344/3024	W15	pins 1 & 2 closed
IDE drive type select Conner CP342/3022	W15	pins 2 & 3 closed
í Serial port enabled	SW2/1	On
Serial port disabled	SW2/1	Off
í Parallel port enabled	SW2/3	On
Parallel port disabled	SW2/3	Off
Note: The locations of jumpers W1, W2, W3, & W6 are unidentified.		

DRAM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
1MB	(2) 256K x 9	(2) 256K x 9	NONE	NONE
2MB	(2) 256K x 9	(2) 256K x 9	(2) 256K x 9	(2) 256K x 9
2MB	(2) 1M x 9	NONE	NONE	NONE
3MB	(2) 256K x 9	(2) 256K x 9	(2) 1M x 9	NONE
4MB	(2) 1M x 9	(2) 1M x 9	NONE	NONE
5MB	(2) 256K x 9	(2) 256K x 9	(2) 1M x 9	(2) 1M x 9
6MB	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9	NONE
8MB	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9	(2) 1M x 9

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DRAM SWITCH CONFIGURATION						
Size	SW3/1	SW3/2	SW3/3	SW3/4	SW3/5	SW4/1
1MB	Off	On	On	On	On	On
2MB	Off	Off	Off	On	On	Off
2MB	Off	Off	On	Off	Off	Off
3MB	Off	Off	On	Off	On	Off
4MB	Off	On	On	Off	Off	Off
5MB	Off	Off	Off	Off	Off	Off
6MB	Off	Off	On	Off	Off	Off
8MB	Off	Off	Off	Off	Off	Off

DRAM JUMPER/SWITCH CONFIGURATION						
Size	SW4/2	SW4/3	SW4/4	SW4/5	W9	W10
1MB	On	On	On	On	2 & 3	2 & 3
2MB	On	On	On	On	2 & 3	2 & 3
2MB	On	On	On	On	2 & 3	2 & 3
3MB	Off	Off	On	On	2 & 3	2 & 3
4MB	Off	On	On	On	1 & 2	1 & 2
5MB	Off	On	On	On	1 & 2	1 & 2
6MB	Off	Off	Off	On	1 & 2	1 & 2
8MB	Off	Off	Off	On	1 & 2	1 & 2
Note: Pins designated should be in the closed position.						

PARALLEL PORT CONFIGURATION			
Setting	SW1/1	SW1/2	SW2/2
COM1/IRQ 4	On	Off	Off
COM2/IRQ3	Off	On	On

SERIAL PORT CONFIGURATION			
Setting	SW1/3	SW1/4	SW2/4
LPT1/IRQ 7	On	Off	Off
LPT2/IRQ5	Off	On	On