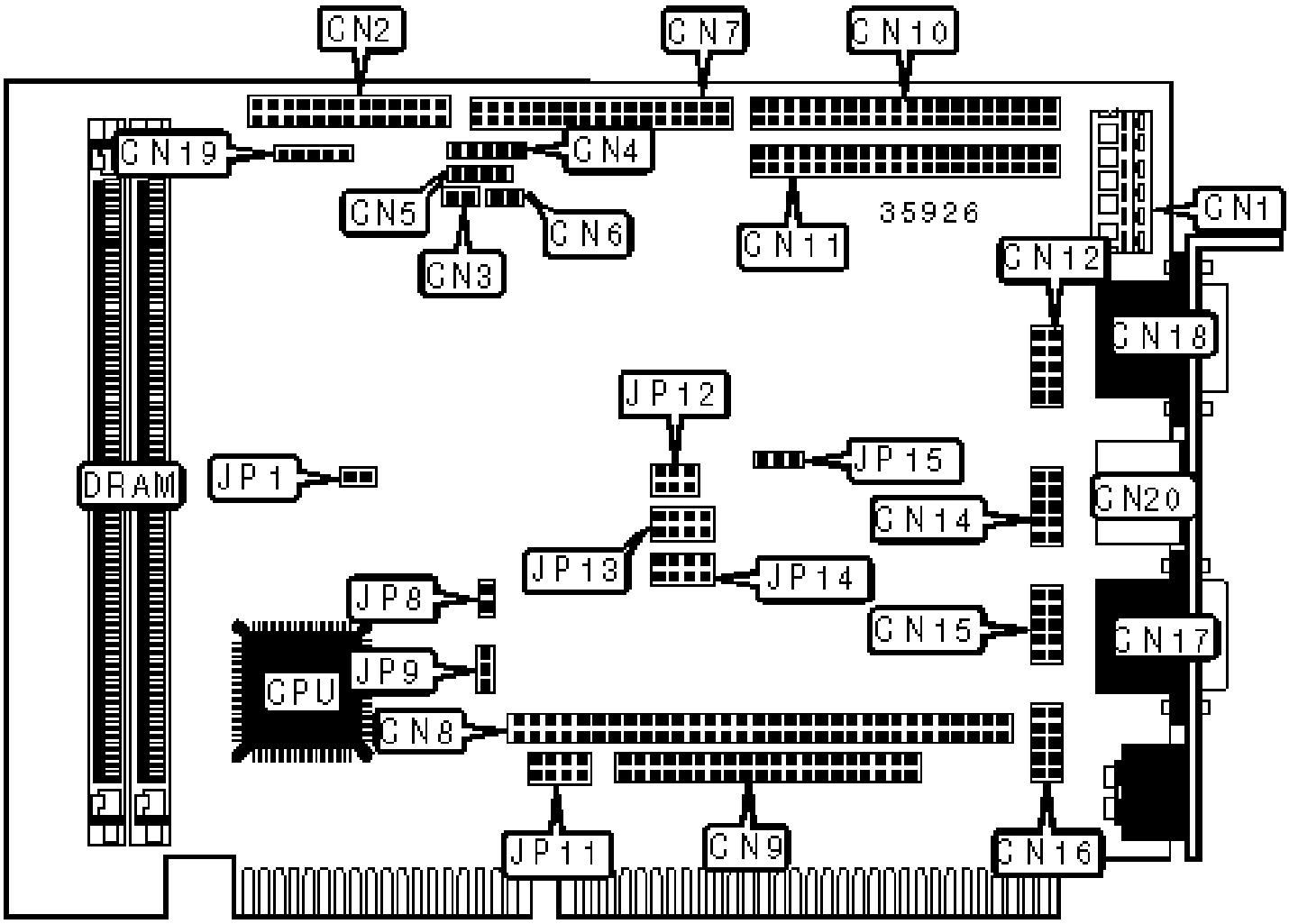
BOSER TECHNOLOGY CO., LTD.

HS-3000

Configuration



CONNECTIONS

Purpose	Location	Purpose	Location
Power connector	CN1	LCD connector	CN11
Parallel port	CN2	Serial port	CN12
Reset switch	CN3	Serial port	CN14
Power LED & keylock	CN4	Serial port	CN15
Speaker	CN5	Serial port	CN16
IDE interface LED	CN6	Serial port	CN17
Floppy drive interface	CN7	VGA port	CN18
PC/104 connector	CN8	Auxiliary keyboard connector	CN19
PC/104 connector	CN9	PS/2 mouse port	CN20
IDE interface	CN10		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	COM4 select RS-422, RS-485	JP1	Closed
	COM4 select RS-232	JP1	Open
»	PS/2 mouse port IRQ12 enabled	JP8	Closed
	PS/2 mouse port IRQ12 disabled	JP8	Open
»	Flash BIOS voltage select 29C010	JP15	Pins 1 & 2 closed
	Flash BIOS voltage select 28F010	JP15	Pins 2 & 3 closed

SIMM CONFIGURATION

Size	Bank 0	Bank 1
1MB	(1) 256K x 36	None
2MB	(1) 256K x 36	(1) 256K x 36

2MB	(1) 512K x 36	None
3MB	(1) 512K x 36	(1) 256K x 36
4MB	(1) 1M x 36	None
4MB	(1) 512K x 36	(1) 512K x 36
8MB	(1) 1M x 36	(1) 1M x 36
8MB	(1) 2M x 36	None
9MB	(1) 2M x 36	(1) 256K x 36
10MB	(1) 2M x 36	(1) 512K x 36
12MB	(1) 2M x 36	(1) 1M x 36
16MB	(1) 2M x 36	(1) 2M x 36
64MB	(1) 8M x 36	(1) 8M x 36

VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

SERIAL PORT 4 SELECTION

	Setting	JP12
»	Enabled	Pins 1 & 2 closed
	Enabled if address is 2EFH	Pins 3 & 4 closed
	Disabled	Pins 5 & 6 closed

SERIAL PORT 4 SELECTION

	Setting	JP13
»	Enabled	Pins 1 & 2 closed
	Enabled if –RST4 = 0	Pins 3 & 4 closed
	Enabled if address is 2EFH	Pins 5 & 6 closed

WATCHDOG TIMER SELECTION		
Setting		JP9
»	System reset	Pins 1 & 2 closed
	Disabled	Open
	NMI	Pins 2 & 3 closed

WATCHDOG TIMER TIME OUT SELECTION		
Time out		JP14
	1 second	Pins 5 & 6 closed
	2 seconds	Pins 5 & 6, 7 & 8 closed
»	10 seconds	Pins 3 & 4 closed
	20 seconds	Pins 3 & 4, 7 & 8 closed
	110 seconds	Pins 1 & 2 closed
	220 seconds	Pins 1 & 2, 7 & 8 closed

DISK ADDRESS SELECTION		
Address		JP11
	D000	Pins 1 & 2 closed
	D800	Pins 3 & 4 closed
»	E000	Pins 5 & 6 closed
	E800	Pins 7 & 8 closed