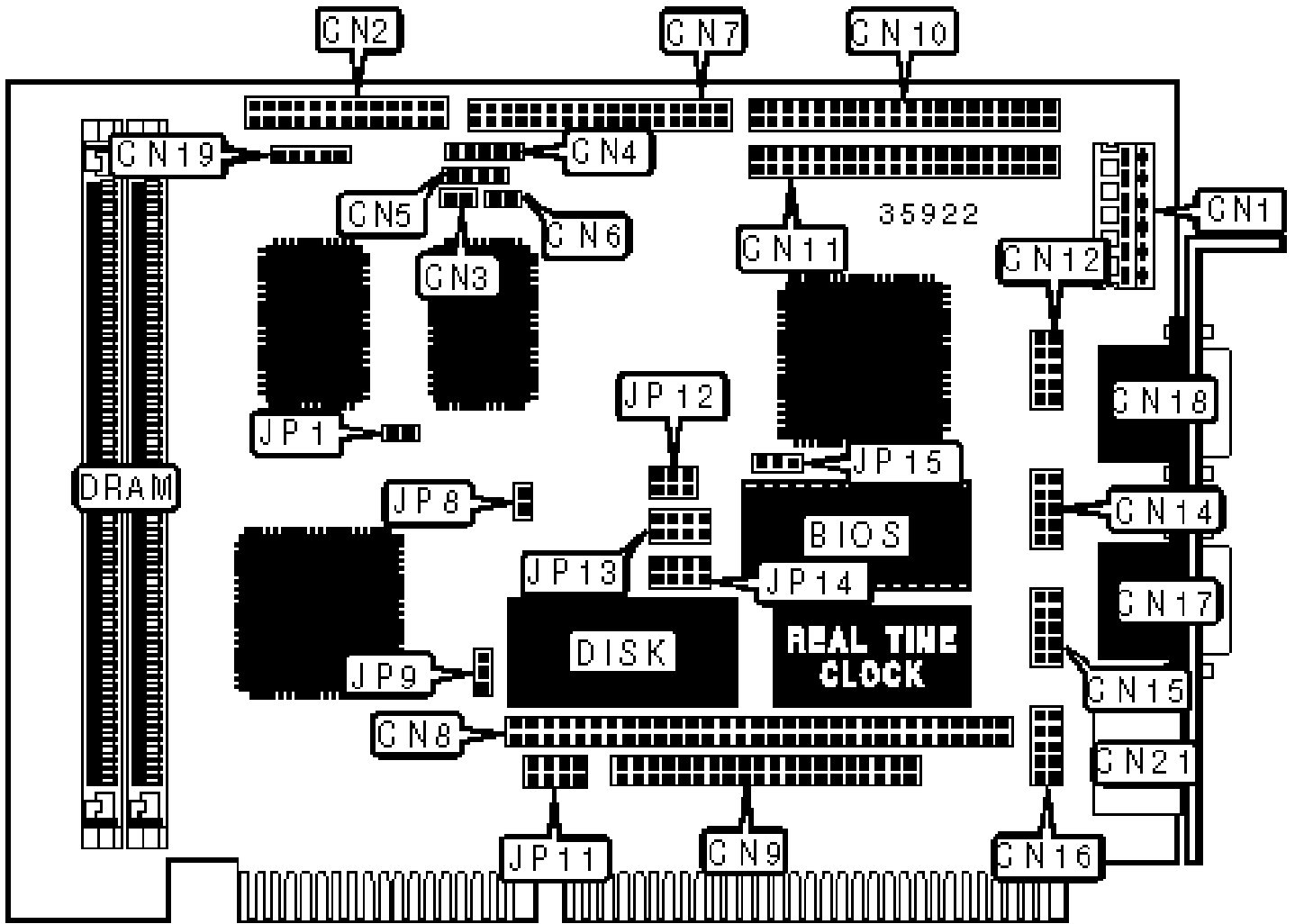


AAEON TECHNOLOGY, INC.

SBC-356

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/keyboard port	CN21
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 IRQ12 enabled	JP8	Closed
PS/2 mouse IRQ12 disabled	JP8	Open
» Flash BIOS voltage select Vcc	JP15	Pins 1 & 2 closed
Flash BIOS voltage select 12v	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

4MB	(1) 1M x 36	None
8MB	(1) 1M x 36	(1) 1M x 36
16MB	(1) 4M x 36	None
32MB	(1) 4M x 36	(1) 4M x 36

### VIDEO MEMORY CONFIGURATION

Note: The location of the video memory is unidentified.

### SERIAL PORT 4 SELECTION

Setting		JP12
»	RX enabled	Pins 1 & 2 closed
	RX enabled if address is 2EFH	Pins 3 & 4 closed
	RX disabled	Pins 5 & 6 closed

### SERIAL PORT 4 SELECTION

Setting		JP13
»	TX enabled	Pins 1 & 2 closed
	TX enabled if $\text{--RST} = 0$	Pins 3 & 4 closed
	TX enabled if address is 2EFH	Pins 5 & 6 closed
	TX disabled	Pins 7 & 8 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
	120 seconds	Pins 1 & 2, 7 & 8 closed

## DISK ADDRESS SELECTION

Address		JP13
	Disabled	Open
	D0000	Pins 1 & 2 closed
	D8000	Pins 3 & 4 closed
»	E0000	Pins 5 & 6 closed
	E8000	Pins 7 & 8 closed