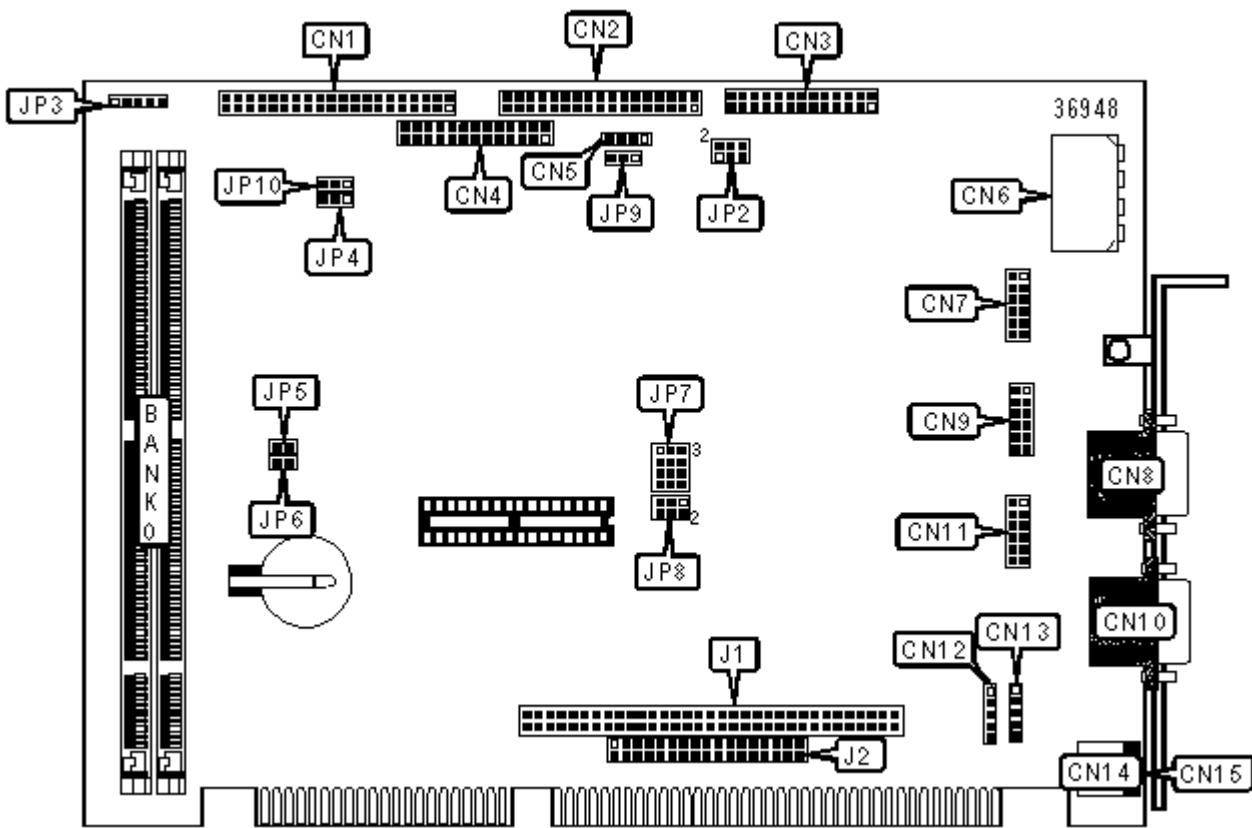


AAEON TECHNOLOGY, INC.

SBC-357

Device Type	Single Board Computer
Processor	80386SX
Processor Speed	40MHz
Chip Set	ALI
Video Chip Set	Chips and Technology
Maximum Onboard Memory	72MB
Maximum Video Memory	1MB
BIOS	AMI
Dimensions	185mm x 122mm
I/O Options	Floppy drive interface, IDE interface, PS/2 mouse port, PS/2 keyboard port, serial interfaces (3), serial port, VGA feature connector, VGA port, PC/104 connectors (2), parallel interface



CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface	CN1	Serial interface 4	CN11
Floppy drive interface	CN2	Keyboard interface	CN12
Parallel interface	CN3	Power LED & Keylock	CN13
LCD interface	CN4	PS/2 mouse port	CN14
IR connector	CN5	PS/2 keyboard port	CN15

Power interface	CN6	PC/104 connector (8-bit)	J1
Serial interface 2	CN7	PC/104 connector (16-bit)	J2
Serial port 1	CN8	IDE interface LED	JP1
Serial interface 3	CN9	Reset switch	JP6
VGA port	CN10		

USER CONFIGURABLE SETTINGS

Function		Label	Position
»	CPU buzzer enabled	JP3	Pins 3 & 4 closed
	External speaker automatically enabled	JP3	Open
»	SHF clock from chipset C&T65545 enabled	JP4	Pins 1 & 2 closed
	ASHF clock from SHF clock enabled	JP4	Pins 2 & 3 closed
»	Green PC mode disabled	JP5	Open
	Green PC mode enabled	JP5	Closed

SERIAL PORT 3 & 4 INTERRUPT SELECTION

IRQ Serial 3		IRQ Serial 4	JP7/ Pins 1 & 2	JP7/ Pins 2 & 3	JP7/ Pins 4 & 5	JP7/ Pins 5 & 6
	IRQ5	IRQ10	Closed	Open	Open	Open
	IRQ5	IRQ11	Closed	Open	Open	Open
	IRQ10	IRQ5	Open	Closed	Open	Open
»	IRQ10	IRQ11	Open	Closed	Open	Open
	IRQ11	IRQ5	Open	Open	Open	Closed
	IRQ11	IRQ10	Open	Open	Open	Closed

SERIAL PORT 3 & 4 INTERRUPT SELECTION (CONT.)

IRQ Serial 3	IRQ Serial 4	JP7/Pins 7 & 8	JP7/Pins 8 & 9	JP7/Pins 10 & 11	JP7/Pins 11 & 12
IRQ5	IRQ10	Open	Closed	Open	Open

	IRQ5	IRQ11	Open	Open	Open	Closed
	IRQ10	IRQ5	Closed	Open	Open	Open
»	IRQ10	IRQ11	Open	Open	Open	Closed
	IRQ11	IRQ5	Closed	Open	Open	Open
	IRQ11	IRQ10	Open	Closed	Open	Open

DISK ON CHIP ADDRESS SELECTION

Address		JP8/Pins 1 & 2	JP8/Pins 3 & 4	JP8/Pins 5 & 6
	CC00	Open	Open	Open
»	D000	Closed	Open	Open
	D400	Open	Closed	Open
	D800	Closed	Closed	Open
	DC00	Open	Open	Closed
	Disabled	Closed	Closed	Closed

LCD VOLTAGE SELECTION

Voltage		JP9	JP10
»	5v	Pins 1 & 2 closed	Pins 1 & 2 closed
	3.3v	Pins 2 & 3 closed	Pins 2 & 3 closed

SERIAL PROTOCOL SELECTION

Protocol		JP2
»	RS-232	Pins 1 & 2 closed
	RS-422	Pins 3 & 4 closed
	RS-485	Pins 5 & 6 closed