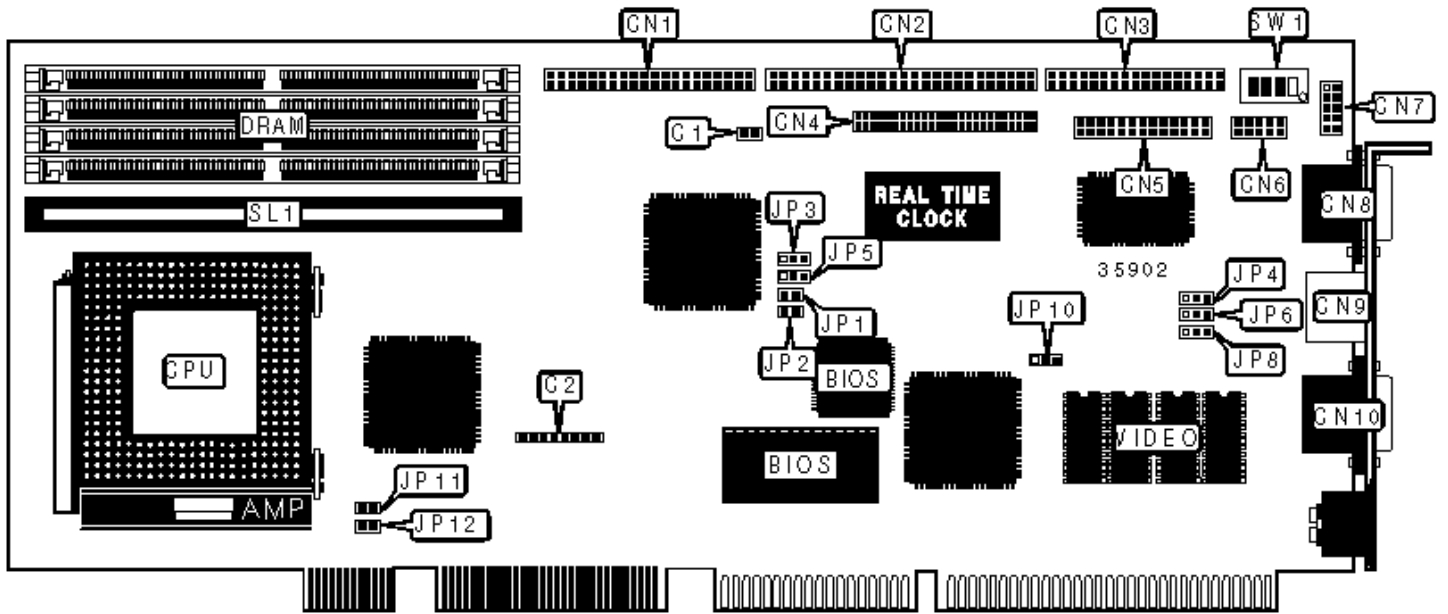


TEXAS MICRO, INC.

PV5000HX2 SBC

Configuration



## CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface LED	C1	Serial port 2	CN6
Keyboard connector	C2	Auxiliary video interface	CN7
IDE interface	CN1	VGA port	CN8
SCSI interface	CN2	PS/2 mouse port	CN9
Floppy drive interface	CN3	Serial port 1	CN10
Flat panel connector	CN4	Cache slot	SL1
Parallel port	CN5		

## USER CONFIGURABLE SETTINGS

Function	Label	Position
» Panel shift clock normal	JP3	Pins 1 & 2 closed
Panel shift clock inverted	JP3	Pins 2 & 3 closed
» Next Step OS select normal operation	JP5	Pins 2 & 3 closed
Next Step OS select running Next Step & having PS/2 problems	JP5	Pins 1 & 2 closed
» Panel voltage select 5v	JP10	Pins 1 & 2 closed
Panel voltage select 3.3v	JP10	Pins 2 & 3 closed
» Monitor type select color	SW1/1	On
Monitor type select monochrome	SW1/1	Off
» Flash BIOS enabled; auxiliary ROM disabled	SW1/2	Off
Flash BIOS disabled; auxiliary ROM enabled	SW1/2	On
» CMOS memory normal operation	SW1/3	Off
CMOS memory clear	SW1/3	On
» I/O port address select 270/271	SW1/4	Off
I/O port address select 370/371	SW1/4	On

**SIMM CONFIGURATION**

Size	Bank 0	Bank 1
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36

**SIMM CONFIGURATION (CON'T)**

Size	Bank 0	Bank 1
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

### CACHE CONFIGURATION

Size	SL1
256KB	256KB module installed
512KB	512KB module installed

### VIDEO MEMORY CONFIGURATION

Note: Video memory factory installed and is not configurable.

### CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP1	JP2	JP11	JP12
100MHz	66MHz	1.5x	Open	Closed	Open	Open
133MHz	66MHz	2x	Open	Closed	Open	Closed
166MHz	66MHz	2.5x	Open	Closed	Closed	Closed

### SERIAL PORT 2 SELECTION

Setting	JP4	JP6	JP8
» RS-232	Pins 2 & 3 closed	Pins 2 & 3 closed	Pins 2 & 3 closed
RS-422	Pins 1 & 2 closed	Pins 1 & 2 closed	Pins 1 & 2 closed