TEKNOR INDUSTRIAL COMPUTERS, INC.

TEK-AT4

Configuration
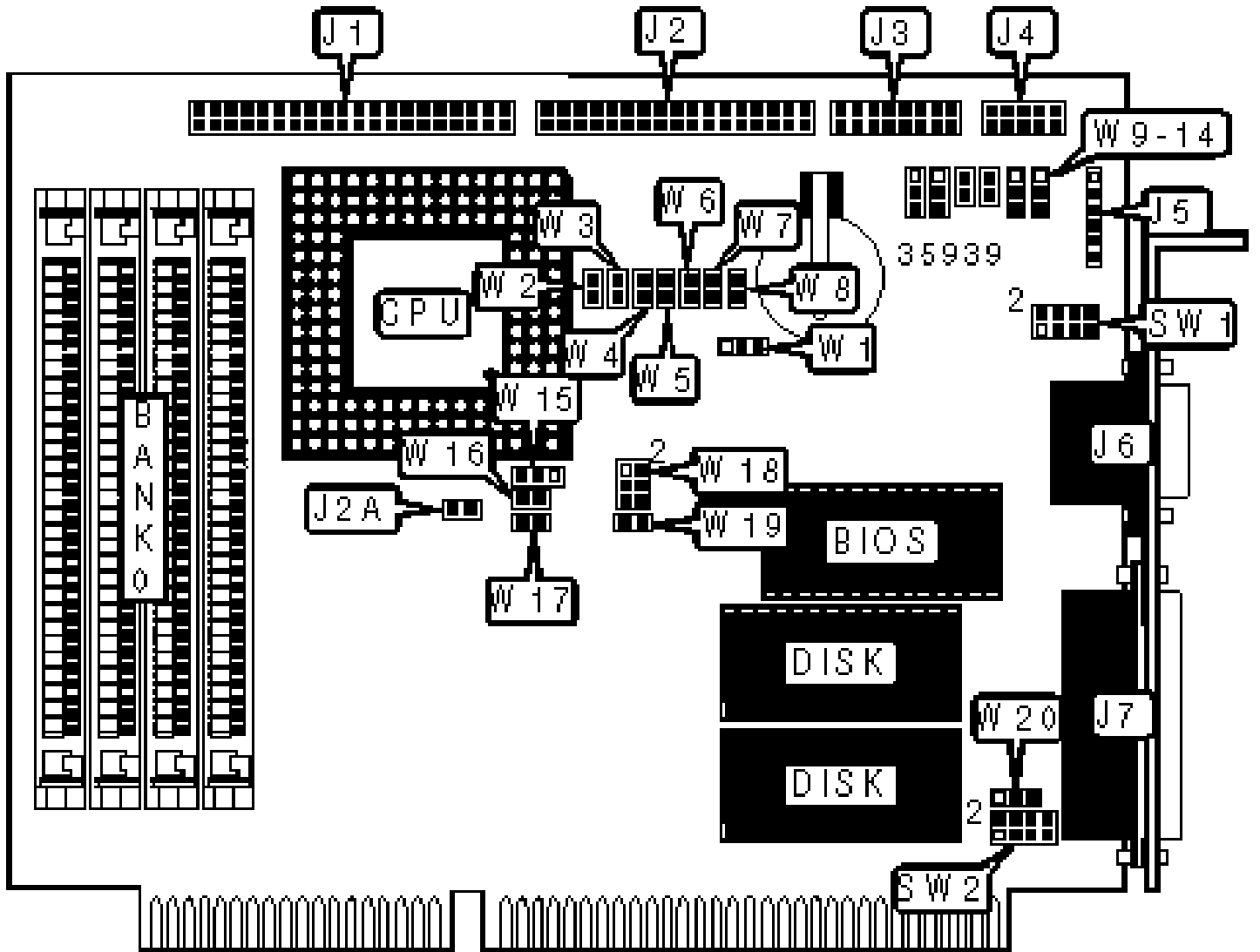
CONNECTIONS

Purpose	Location	Purpose	Location
IDE interface	J1	Serial port 2	J4
Floppy drive interface	J2	Power connector	J5
Chassis fan power	J2A	Serial port 1	J6
Multifunction connector	J3	Parallel port	J7

USER CONFIGURABLE SETTINGS

	Function	Label	Position
»	Factory configured - do not alter	SW1	Unidentified
»	Boot from flash	SW2/pins 1 & 2	Closed
	Boot from drive	SW2/pins 1 & 2	Open
»	Serial port select for VT100 download COM2	SW2/pins 3 & 4	Closed
	Serial port select for VT100 download COM1	SW2/pins 3 & 4	Open
»	Display mode select VT100	SW2/pins 5 & 6	Closed
	Display mode select standard	SW2/pins 5 & 6	Open
»	Download mode select remote	SW2/pins 7 & 8	Closed
	Download mode select normal	SW2/pins 7 & 8	Open
»	Power detection select power failure	W1	Pins 1 & 2 closed
	Power detection select low battery	W1	Pins 2 & 3 closed
»	SRAM battery backup select no battery	W2	Open
	SRAM battery backup select vbatt	W2	Closed
»	IDE interface enabled	W3	Open
	IDE interface disabled	W3	Closed
»	Watchdog timer enabled	W4	Closed
	Watchdog timer disabled	W4	Open

»	Power monitoring disabled	W5	Open
	Power monitoring enabled	W5	Closed
»	Flash BIOS installed	W6	Closed
	Flash BIOS not installed	W6	Open
»	BIOS type select EPROM	W7	Open
	BIOS type select flash	W7	Closed
»	Teknor BIOS extension enabled	W8	Open
	Teknor BIOS extension disabled	W8	Closed
»	Monitor type select monochrome/EGA/VGA	W19	Open
	Monitor type select CGA	W19	Closed

SIMM CONFIGURATION

Size	Bank 0
1MB	(4) 256K x 9
2MB	(4) 512K x 9
4MB	(4) 1M x 9
16MB	(4) 4M x 9

CACHE CONFIGURATION

Note: The location of the cache is unidentified.

CACHE JUMPER CONFIGURATION

Size	W20
32K x 8, 128K x 8	Pins 1 & 2 closed
256K x 8, 512K x 8	Pins 2 & 3 closed

CPU SPEED SELECTION

Speed	W18/pins 1 & 2	W18/pins 3 & 4	W18/pins 5 & 6
25MHz	Open	Closed	Closed
33MHz	Closed	Closed	Closed
50iMHz	Open	Closed	Closed
50MHz	Closed	Closed	Closed
66iMHz	Closed	Closed	Closed
75iMHz	Open	Closed	Closed
100iMHz	Closed	Closed	Closed

CPU TYPE SELECTION

Type	W15	W16	W17
80486SX	Pins 1 & 2 closed	Open	Open
80486DX	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed
80486DX2	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed
80486DX4	Pins 2 & 3 closed	Pins 1 & 2 closed	Closed

BUSCLK SIGNAL SELECTION

Speed	W14A
16MHz	Pins 2 & 3 closed
25MHz	Pins 1 & 2 closed
33MHz	Open
Note: The location of the above jumper is unidentified.	

SERIAL PORT 2 SELECTION

Setting	W9	W10	W11	W12	W13	W14

»	RS-232	1 & 2	1 & 2	Open	Open	1 & 2	1 & 2
	RS-485	2 & 3	2 & 3	Closed	Closed	2 & 3	2 & 3
Note: Pins designated should be in the closed position.						

Note: Pins designated should be in the closed position.