

## DTK Computers

### Technical Information Sheet for PEM2531D

S=shorted, 0=open

DIP switch 1=on 0=off

Utility Diskette is UTILDSK3.1.0

Uses 32bit Memory Board PEI-307

MB	SW1				DRAM Type		SW1:DRAM Wait State			
	1	2	3	4	BANK 0	BANK 1	5	6	Write	Read
1	0	1	1	1	256KX36	NONE	1	0	1	2
2	1	0	1	1	256KX36	256KX36	0	1	1	3
4	0	0	0	0	1MBX36	NONE	1	1	2	3
5	0	1	0	1	1MBX36	256KX36				
8	1	1	1	0	1MBX36	1MBX36				

SW1-7:I/O Speed

#### J1:Keyboard lock

- <1> Power LED
- <2> Not used
- <3> Ground
- <4> Keyboard inhibit
- <5> Ground

#### SW1-8:Page-interleave Mode

- 1 2 or 4 way interleaving.
- 0 Page-mode only

#### J3:Turbo LED

- <1> Vcc
- <2> Turbo LED
- <3> Vcc

#### J2:Speaker Connector

- <1> Speaker
- <2> Not used
- <3> Ground
- <4> Vcc

#### J5:Reset Switch

- <1> Ground
- <2> Hardware Reset

#### J4:Turbo Switch Connector

- 1-2 S 12.5 Mhz
- 2-3 S Keyboard Control
- No Cap 25 MHz always

#### W2:Display Select

- 1-2 S Monochrome
- 2-3 S Color

#### W1:Coprocessor Select

- 1-2 S Installed
- 2-3 S Not Installed

#### CON2:Power Connector

- <1> Power Good
- <2> +5VDC
- <3> +12VDC
- <4> -12VDC
- <5> Ground
- <6> Ground

- <7> Ground
- <8> Ground
- <9> -5VDC
- <10> +5VDC
- <11> +5VDC
- <12> +5VDC