

## DTK Computers

### Technical Information Sheet for PEM2530

S=shorted, 0=open

DIP switch 1=on 0=off

Utility Diskette is UTIKDSK4.1\_0

Uses 32bit Memory Board PEI-306

#### J1:Keyboard lock

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

#### J2:Reset Switch

- <1> Hardware Reset
- <2> Ground

#### W2:16bit Adapter Wait State

- 1-2 S 1 WS
- 2-3 S 2 WS

#### J3:Speaker connector

- <1> Speaker
- <2> N.C.
- <3> Ground
- <4> Vcc

#### W3:8 bit Adapter Wait States

- 1-2 S 4 WS
- 2-3 S 5 WS

#### W4:Turbo Switch Connector

- 1-2 S 8 Mhz
- 2-3 S Keyboard Control
- No Cap 25 MHz always

#### W5:Turbo LED

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

#### W6:Video Selection

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

#### W7:Coprocessor Select

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

#### W8:BIOS Size

- 1-2 S 256k
- 2-3 S 512k

#### CON7: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

#### RAM Installation

Size	DRAM Type	W1	SW1
1MB	(256Kbitx9)x4 SIP	2-3	1 1
2MB	(512Kbitx9)x4 SIP	2-3	1 0
4MB	(1Mbitx9)x4 SIP	1-2	0 1
8MB	(1Mbitx36)x2 SIP	1-2	0 0