

DTK Computers

Technical Information Sheet for PEM2561D

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 of Each Bank			
	1	2	3	4	BANK 0	BANK 1	BANK 2	BANK 3
1	0	1	1	1	256KX36	NONE	NONE	NONE
2	1	0	1	1	256KX36	256KX36	NONE	NONE
3	0	0	1	1	256KX36	256KX36	256KX36	NONE
4	1	1	0	1	256KX36	256KX36	256KX36	256KX36
4	0	0	0	0	1MBX36	NONE	NONE	NONE
5	0	1	0	1	1MBX36	256KX36	NONE	NONE
6	1	0	0	1	1MBX36	256KX36	256KX36	NONE
7	0	0	0	1	1MBX36	256KX36	256KX36	256KX36
8	1	1	1	0	1MBX36	1MBX36	NONE	NONE
9	0	1	1	0	1MBX36	1MBX36	256KX36	NONE
10	1	0	1	0	1MBX36	1MBX36	256KX36	256KX36
12	1	1	0	0	1MBX36	1MBX36	1MBX36	NONE
13	0	1	0	0	1MBX36	1MBX36	1MBX36	256KX36
16	1	1	1	1	1MBX36	1MBX36	1MBX36	1MBX36

J1:Keyboard lock

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

J2:HD LED

- <1> LED
- <2> Ground
- <3> Ground
- <4> LED

J4:Turbo LED

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

J3:Turbo Switch Connector

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

W1:Printer Port Interrupt

- 1-2 S IRQ 7
- 2-3 S IRQ 5

J5:Reset Switch

- <1> Hardware Reset
- <2> Ground

W3:Serial Port 1 Interrupt

- 1-2 S IRQ 3
- 2-3 S IRQ 4

W2:Coprocessor Select

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

W5:Floppy Drive

- S Enabled
- 0 Disabled

W4:Serial Port 2 Interrupt

- 1-2 S IRQ 3
- 2-3 S IRQ 4

Serial Port 1

- W8 W9 Function

Printer Port

- W6 W7 Function
- S S LPT1

S	S	COM1	0	0	LPT2
0	0	COM3	S	0	Disabled
S	0	Disabled	S	0	Disabled
S	0	Disabled			

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W12:IDE HD

S	Enabled
0	Disabled

Serial Port 2

W10	W11	Function
S	S	COM2
0	0	COM4
S	0	Disabled
S	0	Disabled

W13:Display Select

1-2	S	Monochrome
2-3	S	Color

SW1-7:I/O Speed

SW1:DRAM Wait State

5	6	Write	Read
1	0	1	2
0	1	1	3
1	1	2	3

SW1-8:Page-interleave

CON1: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