

DTK Computers

Technical Information Sheet for PEM3300

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S=shorted, 0=open

DIP switch 1=on 0=off

Utility Diskette is UTILDSK3.1_0

Uses 32bit Memory Board PEI-306

Total 32bit memory SW1 1,2,3

<=MB	1	2	3
2	1	1	1
4	1	1	0
8	0	1	0
12	0	0	1
16	0	0	0

MotherBoard Memory SW1 4,5

4	5	Memory Bank 0	Bank 1
1	1	2MB	1MB
1	0	4MB	4MB
0	1	5MB	1MB
0	0	8MB	4MB

J1:Keyboard lock

<1> Power LED
<2> Key
<3> Ground
<4> Keyboard inhibit
<5> Ground

Video Selection SW1 6

SW1-6 Selection
1 Color
0 Monochrome

J3:Speaker connector

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

J2:Reset Switch

<1> Hardware Reset
<2> Ground

J5:Turbo Switch Connector

1-2 S 8 MHz
2-3 S Keyboard Control
No Cap 33 MHz

J4:Turbo LED

<1> LED +
<2> LED -

J6:Battery Connector

<1>
<2>
<3>
<4>

W1-W6:SIMM Bank #

1-2 S SIMM's are Bank 0
2-3 S SIMM's are Bank 1

W7:Bank 0 DRAM type

1-2 S 1mBIT
2-3 S 256kbit

W8:Bank 1 DRAM type

1-2 S 1Mbit
2-3 S 256kbit

W9-10:Cache Size

1-2 S 64K
2-3 S 256K

W14:Coprocessor Select

S Not Installed
0 Installed

J8:Power Connector

<1> +5VDC	<7> Ground
<2> +5VDC	<8> Ground
<3> +5VDC	<9> -12VDC
<4> -5VDC	<10> +12VDC

