

DTK Computers

Technical Information Sheet for PEM2030B V2

S=shorted, 0=open

DIP switch 1=on 0=off

Utility Diskette is UTILDSK3.1_0

Uses 32bit Memory board PEI-303B V2

W1:8-bit I/O Wait State

1-2 S 4 WS

2-3 S 5 WS

W2:16-bit I/O Wait State

1-2 S One WS

2-3 S Two WS

W3:Turbo Switch Connector

1-2 S 8 Mhz

2-3 S Keyboard Control

No Cap 20 MHz always

W4:Video Select

1-2 S Monochrome

2-3 S Color

J:1Battery Connector

<1> 6VDC

<2> not used

<3> Ground

<4> Ground

J3:Turbo LED

<1> Ground

<2> Turbo LED

<3> Ground

J4:Keyboard lock

<1> Power LED

<2> Key

<3> Ground

<4> Keyboard inhibit

<5> Ground

J5:Speaker connector

<1> Speaker

<2> N.C.

<3> Ground

<4> Vcc

JP11:ROM Size

1-2 S 32k (27128x2)

2-3 S 64k (27256x2)

J6:Reset Switch

<1> Hardware Reset

<2> Ground

SW2:Printer Port Enable

JP3 Printer Port

0 Enabled

S Disabled

SW1:Memory Size

JP1	JP2	JP3	Size
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S	S	S	<=2MB
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0	S	S	<=4MB
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0	0	S	<=8MB
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0	0	0	<=16MB
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SW2:Printer Port Address

JP4 Address

0 LPT1

S LPT2

SW3:Printer Port IRQ

JP3	JP4	IRQ#
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0	S	7
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S	0	5
---	---	---

COM1:Port Enable

SW2 SW3

JP1	JP1	Function
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S	S	Enable
---	---	--------

0	0	Disable
---	---	---------

COM2:Port Enable

SW2 SW3

JP2	JP2	Function
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S	S	Enable
---	---	--------

0	0	Disable
---	---	---------

J7:Power Connector

<1> +5VDC	<7> Ground
<2> +5VDC	<8> Ground
<3> +5VDC	<9> -12VDC
<4> -5VDC	<10> +12VDC
<5> Ground	<11> +5VDC
<6> Ground	<12> Power Good