

## DTK Computers

### Technical Information Sheet for PTM1230C

S=shorted, 0=open

DIP switch 1=on 0=off

#### J1:Keyboard Lock

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

#### J4:Turbo LED

- <1> +5 VDC
- <2> Indicate pin

#### J6:Wait States

- 0 One wait state
- S Zero wait state

#### J2:Hardware Reset

- <1> Ground
- <2> Reset

#### J3:Speaker

- <1> Data out
- <2> 5 VDC
- <3> Ground
- <4> 5 VDC

#### J5:Hardware Turbo Switch

- <1> Select pin
- <2> Ground

### RAM Installation

	RAM Size	RAM Address	RAM Type	
J8 J9	Base/Ext	Range	Bank 0	Bank 1
S S	512/0	000000h~07FFFFh	41256x18	none
S 0	640/0	000000h~09FFFFh	41256x18	4164x18
0 S	640/384	000000h~09FFFFh 100000h~15FFFFh	41256x18	41256x18

#### J11:Display Selection

- 0 Monochrome
- S Color

#### J12:External Battery

- <1> 6 VDC
- <2> Not used
- <3> Not used
- <4> Ground

#### Parallel Port Selection CN3

CN3	J13	J14	J19
LPT1	S	S	1-2
LPT2	0	0	2-3
Disable	0	S	any
Disable	S	0	any

#### Serial Port 1 Selection CN2

CN2	J15	J16
COM1	S	S
COM3	0	0
Disable	0	S
Disable	S	0

#### Serial Port 2 Selection CN1

CN1	J17	J18
COM2	S	S
COM4	0	0
Disable	0	S
Disable	S	0

#### J22:ROM Size Select

- 0 32k (27128x2)
- S 64k (27256x2)

#### J21:Power Connector

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

<4> -12 VDC  
<5> Ground  
<6> Ground

<10> +5 VDC  
<11> +5 VDC  
<12> +5 VDC