

DTK Computers

Technical Information Sheet for PTM1030

S=shorted, 0=open

DIP switch 1=on 0=off

J1:Hardware Turbo Switch

- <1> Ground
- <2> Select pin

J2:Keylock Connector

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

J3:Display Selection

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

J4:Speaker

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

J5:Hardware Reset

- <1> Select pin
- <2> Ground

J8:Wait state operation

- 0 One wait state
- S Zero wait state

J10:Turbo LED

- <1> Select pin
- <2> Ground

J12:ROM size

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

J13:Battery connector

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

RAM installed

- | J14 | J15 | Memory |
|-----|-----|-------------|
| S | S | 512/0 |
| S | 0 | 640/0 |
| 0 | S | 640/384 |
| 0 | 0 | Not allowed |

J20:Battery Select

- S Internal
- 0 External

J17:Power Connector

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

RAM Installation

J14	J15	RAM Size Base/Ext	RAM Address Range	RAM Type 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