

DTK Computers

Technical Information Sheet for PTM1230S

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

J2:Speaker

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

JP2:Hardware Reset

- <1> Ground
- <2> Reset

JP3:Hardware Turbo Switch

- S Turbo mode
- 0 Normal mode

JP6:Turbo LED

- <1> Select pin
- <2> Ground

JP8:Display Selection

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

ROM Size Select

JP5	SW1-4	Size
2-3	1	32k (27128x2)
1-2	0	64k (27256x2)

Page Mode Enable

JP4	SW1	5	6	7	Function
o	o				
		1	0	1	Enable
o	o				
o	o				
		0	1	0	Disable
o	o				(This setting is not recommended)

J5:Battery Select

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

RAM Installation

SW1	DRAM Type	Bank 0	Bank 1	RAM Size
1 2 3		Bank 0	Bank 1	RAM Size
1 1 1	41256x18	none	none	512k
1 1 0	41256x18	4164x18	4164x18	640k
1 0 1	41256x18	41256x18	41256x18	640k + 384k extended
1 0 0	41256x18	41256x18	41256x18	640k + 384k expanded
0 1 1	411000x18	none	none	640k + 1408k extended
0 1 0	411000x18	none	none	640k + 1408k expanded
0 0 1	411000x18	411000x18	411000x18	640k + 3456k extended
0 0 0	411000x18	411000x18	411000x18	640k + 3456k expanded

J21:Power Connector

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

