

DTK Computers

Technical Information Sheet for PPM-1631D/2031D/2531D
S=shorted, 0=open DIP switch 1=on 0=off

J2:Keyboard & power LED
<1>System power LED
<2>Not used
<3>Ground
<4>Keyboard inhibit
<5>Ground

J3:Turbo switch
<1> Ground
<2> Select pin

J5:Turbo LED
<1> Select pin
<2> Ground

J4:Speaker
<1> Data out
<2> 5VDC
<3> Ground
<4> 5VDC

J7:External battery
<1> 6 VDC
<2>Not used
<3> Not used
<4> Ground

J6:Hardware reset
<1> Ground
<2> Reset

J102:Coprocessor
0 Enable
S Disable

J9: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

RAM installation W1-W6
1-2 S 1/2 banks memory
2-3 S 3/4 banks memory

W7:BIOS size
1-2 S 32k (27256x2)
2-3 S 64k (27128x2)

W8:Pipeline
1-2 S Disable
2-3 S Enable

W10:Coprocessor Speed
S 387CLK=387CLK/3
0 387CLK=387CLK

W11:Battery Selection
1-2 S External
2-3 S Onboard

W12:Display Mode
1-2 S Monochrome
2-3 S Color

RAM Installation

RAM SIZE	DRAM Type	Bank 1	Bank 2	Bank 3
512k	44256x4+41256x2	none	none	none
	256x9 SIMMx2	none	none	none
640k	44256x4+41256x2	64x9 SIMMx2	none	none
	256x9 SIMMx2	64x9 SIMMx2	none	none
1MB	44256x4+41256x2	44256x4+41256x2	none	none

	44256x4+41256x2	256x9 SIMMx2	none	none
	256x9 SIMMx2	256x9 SIMMx2	none	none
	256x9 SIMMx2	44256x4+41256x2	none	none
1.5MB	44256x4+41256x2	44256x4+41256x2	256x9 SIMMx2	none
2MB	44256x4+41256x2	44256x4+41256x2	256x9 SIMMx2	256x9 SIMMx2
	1Mbitx9 SIMMx2	none	none	none
3MB	44256x4+41256x2	44256x4+41256x2	1Mbitx9 SIMMx2	none
4MB	1Mbitx9 SIMMx2	1Mbitx9 SIMMx2	none	none
5MB	44256x4+41256x2	44256x4+41256x2	1Mbitx9 SIMMx2	1Mbitx9 SIMMx2