DTK Computers

Technical Information Sheet for PKM0037Y
S=shorted, O=open   DIP switch 1=on 0=off

J1:Keyboard lock   J2:Speaker connector
   <1> Power LED   <1> Speaker
   <2> Not used   <2> Not used
   <3> Ground   <3> Ground
   <4> Keyboard inhibit   <4> Vcc
   <5> Ground
                             J3:Turbo Switch Connector
J4:Reset Switch   1-2 S   Normal (AT) Speed
   O Normal operation   2-3 S   Keyboard Control
   S Reset   No Cap Turbo Speed

J5:Turbo LED   J6:CPU Package Select
   <1> +5V   O PQFP CPU
   <2> Indicate pin   S PGA CPU Inlaid

CPU Speed Selection
  Speed   J7 J10 J12 J13
  20/25/33/DX2-66/OverDrive-33 O   O   1-2 O
  DX50   S   S   2-3 S
  DX2-50/OverDrive-25   S   O   1-2 O

  NOTE: For 128k cache, J10 MUST be Shorted.

J8:Video Selection   J9:Cache Write Hit Wait State
   1-2 Monochrome   S 0 WS
   2-3 Color   O 1 WS

J11:Upgrade Processor Select
    1-2 486DX/486DX2
    2-3 487SX/OverDrive

Cache Size Selection
Size J14 J15 J16 J17 J18 J19 J20 J21
 64KB 1-2 1-2 1-2 1-2 1-2 1-2 1-2 1-2
128KB 2-3 1-2 1-2 2-3 2-3 2-3 2-3 2-3
256KB 2-3 2-3 2-3 1-2 1-2 1-2 1-2 1-2

  NOTE: For 128k cache, J10 MUST be Shorted.

J15:Power Connector
   <1> Power Good   <7> Ground
   <2> +5VDC   <8> Ground
   <3> +12VDC   <9> -5VDC
   <4> -12VDC   <10> +5VDC
   <5> Ground   <11> +5VDC

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     <6>  Ground                    <12> +5VDC


   RAM Installation
   RAM   DRAM Type
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SIZE	Bank 0	Bank 1	SIZE	Bank 0	Bank 1
1MB	256x9 SIMMx4	none	16MB	4Mbitx9 SIMMx4	none
2MB	256x9 SIMMx4	256x9 SIMMx4	17MB	256x9 SIMMx4	4Mbitx9 SIMMx4
4MB	1Mbitx9 SIMMx4	none		4Mbitx9 SIMMx4	256x9 SIMMx4
5MB	256x9 SIMMx4	1Mbitx9 SIMMx4	20MB	1Mbitx9 SIMMx4	4Mbitx9 SIMMx4
	1Mbitx9 SIMMx4	256x9 SIMMx4		4Mbitx9 SIMMx4	1Mbitx9 SIMMx4
8MB	1Mbitx9 SIMMx4	1Mbitx9 SIMMx4	32MB	4Mbitx9 SIMMx4	4Mbitx9 SIMMx4