DTK Computers

S=shorted, O=open   DIP switch 1=on 0=off

```
J1:Hardware Reset              J2:Speaker
   <1> Ground                     <1> Data Out
   <2> Reset                      <2> 5 VDC
                                  <3> Ground
J3:Hardware Turbo Switch          <4> 5 VDC
   <1> Select pin
   <2> Ground                  J4:Turbo LED
                                  <1> +5 VDC
J7:Keyboard Lock                  <2> Indicate pin
   <1> System power LED
   <2> Not used               J5:Battery Connector
   <3> Ground                     <1> 6 VDC
   <4> Keyboard inhibit           <2> Not used
   <5> Ground                     <3> Not used
                                  <4> Ground
J6: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
```

```
Serial port 1                  Serial port 2
   CON1     W19 W20                CON8    W17 W18
   COM1      S   S                 COM2     S   S
   COM3      O   O                 COM4     O   O
   DISABLE   S   O                 DISABLE O   S
   DISABLE   O   S                 DISABLE S   O
```

```
Parallel port                  W1:287 Speed
   CON7    W14  W16  W13           1-2 S 10 or 12 MHz
   LPT1     S    S   1-2 S         2-3 S 6 or 8 MHz
   LPT2     O    O   2-3 S
   Disable  O    S   Any        W2:Data/Precomp Select
   Disable  S    O   Any           S 83 to 125 Precomp
                                   O 83 to 250 Precomp
```

```
W3:Floppy Spindle Motor        W10:IDE Operation
   S Dual Speed                    1-2 S  Old Type (eg CP-342)
   O Single Speed                  2-3 S  Normal Operation

W12:ROM Size Selection         W15:FDD Selection
   1-2 S 32k (27128x2)             S  Enable
```

```
       2-3 S 64K (27256x2)                O  Disable

   W22:HDD Selection             W23:Display Select
      S  Enable                     S  Monochrome
      O  Disable                    O  Color

   On Board Monochrome           W25:Battery Selection
      Mode    W24 W26 W27           1-2 S  External
      Enable   S   S   S            2-3 S  Onboard
      Disable  O   O   O
```

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RAM Installation

RAM SIZE	DRAM Type Bank 0	Bank 1	Bank 2	Bank 3	W4 to W9
512k	44256x4 & 41256x2	none	none	none	2-3
	256x9 SIPx2	none	none	none	1-2
640k	256x9 SIPx2	64kx9 SIP x2	none	none	1-2
1MB	44256x4 & 41256x2	44256x4 & 41256x2	none	none	2-3
	256x9 SIPx2	256kx9 SIP x2	none	none	1-2
	44256x4 & 41256x2	256kx9 SIP x2	none	none	1-2
	256x9 SIPx2	44256x4 & 41256x2	none	none	1-2
1.5MB	44256x4 & 41256x2	44256x4 & 41256x2	256x9 SIPx2	none	2-3
2MB	44256x4 & 41256x2	44256x4 & 41256x2	256x9 SIPx2	256x9 SIPx2	2-3
	1mx9 SIPx2	1mx9 SIP x2	none	none	1-2
3MB	44256x4 & 41256x2	44256x4 & 41256x2	1mx9 SIPx2	none	2-3
4MB	1mx9 SIPx2	1mx9 SIP x2	none	none	1-2
5MB	44256x4 & 41256x2	44256x4 & 41256x2	1mx9 SIPx2	1mx9 SIPx2	2-3