

TUC52 Key Components

Here you will find pointers to documents that describe the key componets found on TUC52.

There are at least two placed to get data sheets for the 80C32. For the Intel 80C32 CPU Data Sheet [click here](#). For the Philips 80C32 CPU Data Sheet [click here](#). I find that the Philips data sheet is easier to read and has more information.

There's a fair amount of stuff of interest on Intel's web page for someone that would like to write ASM code or do some hardware design ith the 8051 family of parts. To go to this section of the Intel web server [click here](#).

There's also a lot of good data sheets and application notes on the Philips web server. To go to this section of the Philips web server [click here](#). Some things that I find particularly of interest on the Philips system are the [8051 Assembler Programmer's Guide](#), and the [8051 Hardware Description](#).

[National/Fairchild 27C256 EPROM Data Sheet](#)

[Samsung 32K x 8 Static Ram](#)

This data sheet isn't the correct one, but it does provide the correct pinout and other information. Let me know [\(by clicking here\)](#) if you identify a link to a better place for the DIP 43256.

[Intel 82C55 Parallel I/O Port Data Sheet](#)

[Philips 8582 EEPROM Data Sheet](#)

[Philips 8583 Time of Day Clock Data Sheet](#)

[Allegro 2959 Output Current Sink Data Sheet](#)

METCON-2 Key Components

[Maxim MAX232 RS-232 Driver and Receiver](#)

[TI 75176 RS-485 Transceiver](#)

MISC MODULES Key Components

[National LM311 VTF Converter IC](#) used on the VTF Module

[National LM34 Fahrenheit Temperature Sensor](#) used on the VTF Module

[National LM35 Celsius Temperature Sensor](#) used on the VTF Module

[4N26 Opto Isolator](#) used on the VTF Module

[National ADC08038 ADC IC](#) use on the ADC module

[National LMC660 CMOS Op-Amp](#) use on the ADC module

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