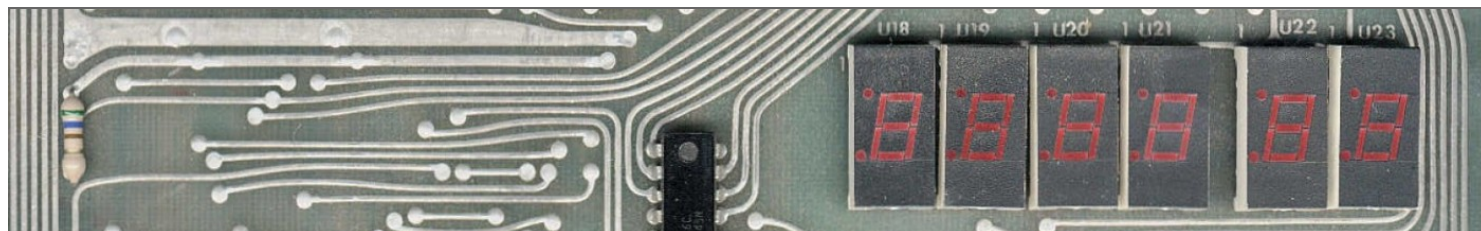


## Retro Computing

About small SBC systems

[HOME](#)[NEWS](#)[SALES!](#)[MY SITES](#)[6502](#)[LEE DAVISON](#)[1802](#)[Z80](#)[CONTACT](#)

[Retro Computing](#) » [Z80](#) » [Talking Electronics TEC-1](#) » [TEC-1D](#)

### TEC-1D

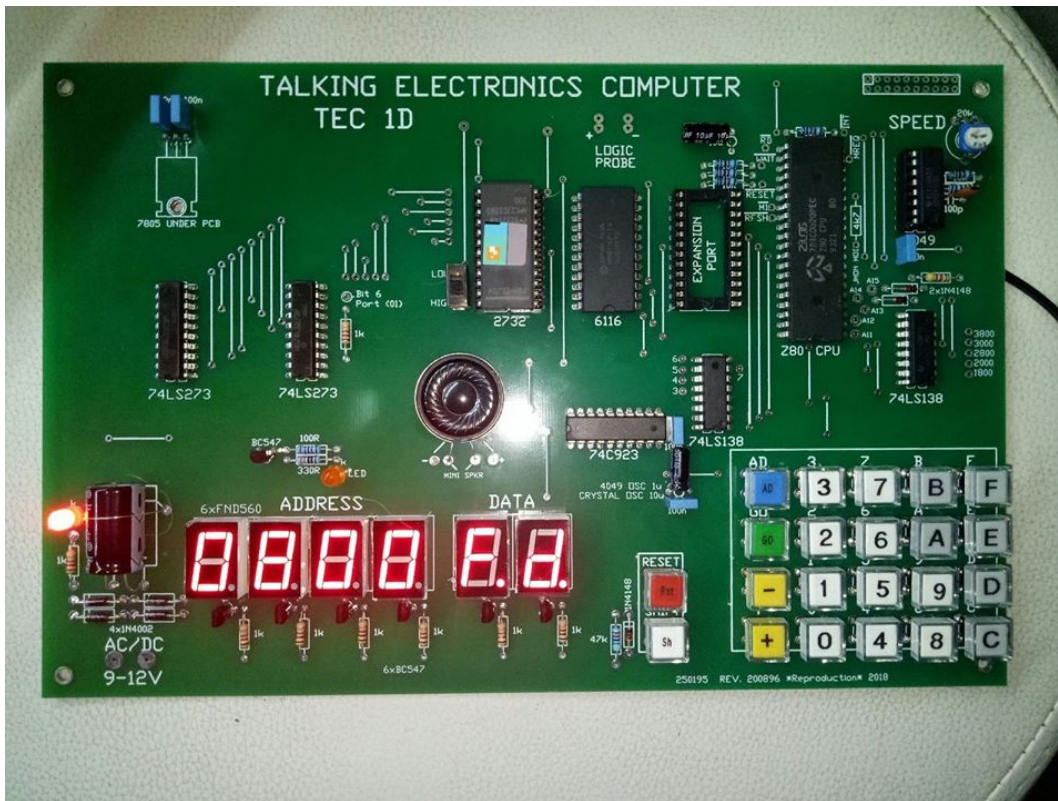
The TEC-1C and TEC-1D were designed after the last issue of Talking Electronics was published. So no articles to show here, only a component list.

The design is identical to the TEC-1B. Only the PCB had some improvements, simple cheap tactical switches are used for example, function names are printed as part of the silkscreen on the PCB.

While the original TEC-1D is still available as a kit from Talking Electronics, a recent production run of the PCB as Reproduction 2018 is available from Ben Grimmett via ebay e.g. The latest is double sided, so no more wires!

#### ALL PAGES

[KIM clone](#)[Home](#)[Sales!](#)[News](#)[Contact](#)[My sites](#)[6502](#)[The Digital Group 6501  
CPU board](#)[6501](#)[65XX IC's](#)[65XX Datasheets](#)[6530-6532](#)[6530 Commodore](#)[6530 KIM-1 clone](#)[Gottlieb sound board](#)[KIM-1 6530  
Replacement](#)[6530-004 TIM](#)[A Christmas Story  
About A Tiny TIM](#)



Reproduction TEC-1D by Ben Grimmett, note the nice keycaps available on Ali Express.

6502 Microprocessor Kit

Apple 1

Beta

Cepac-65

Elektuur Junior

Emma by L.J. Technical Systems

EMUF 6504

John Bell Engineering SBC's

KIM 6502 UP Kenner

KIM-1 manuals and software

MCS Alpha 1

Micro-KIM

My 6502 systems

MPS-65 CT-65 Thaler

OSI 300 Trainer

Radio Bulletin

SUPERKIM

SYM-1 6502 mini sbc

The Computerist

Three Chips Plus

TouCHE

VAE T4 system

Lee Davison's website

Enhanced 6502 BASIC

Starting EhBASIC

Update EhBASIC

EhBASIC

requirements

## TEC 1D Component List

Note: Tactile Switches & Link wire not included. You may need to experiment with the 4049 to get it to oscillate reliably

7 Segment Display (6 pcs)  
 Red PLED  
 Orange LED  
 BC547 Transistor (7)  
 1N4148 Diode (3)  
 1N4002 Diode (4)  
 100R resistor  
 330R  
 1k resistor (8)  
 47K resistor  
 4 7K resistor (2)  
 2 2K resistor  
 10K resistor (5)  
 10uF Cap  
 1000uF Cap  
 1uF Cap  
 100n cap (4) **5**  
 100p cap  
 20k Variable Resistor  
 6mmx6mm Tactile Switches (22)  
 74LS273 (2)  
 74LS138 (2)  
 74C923  
 4049  
 2K SRAM  
 4K EPROM  
 Z80A  
 5v TO 220 Regulator  
 SPDT Switch  
 800m link wire  
 Speaker  
 40pin IC socket  
 24pin IC socket (3)  
 20pin IC socket (3)  
 16pin IC socket (3)

Advanced EhBASIC techniques

EhBASIC Using USR()

EhBASIC Useful routines

EhBASIC Internals

EhBASIC language reference

How to use EhBASIC

EhBasic Extending CALL

EhBASIC bug lbufs location

EhBASIC LOAD and SAVE notes

Some code bits

Some very short code bits

SIN and COS calculator

6502 ROM file system

Microchess

SYM-1 BASIC – more nostalgia

A 6502 single board computer

ACIA 6551

Nop generator

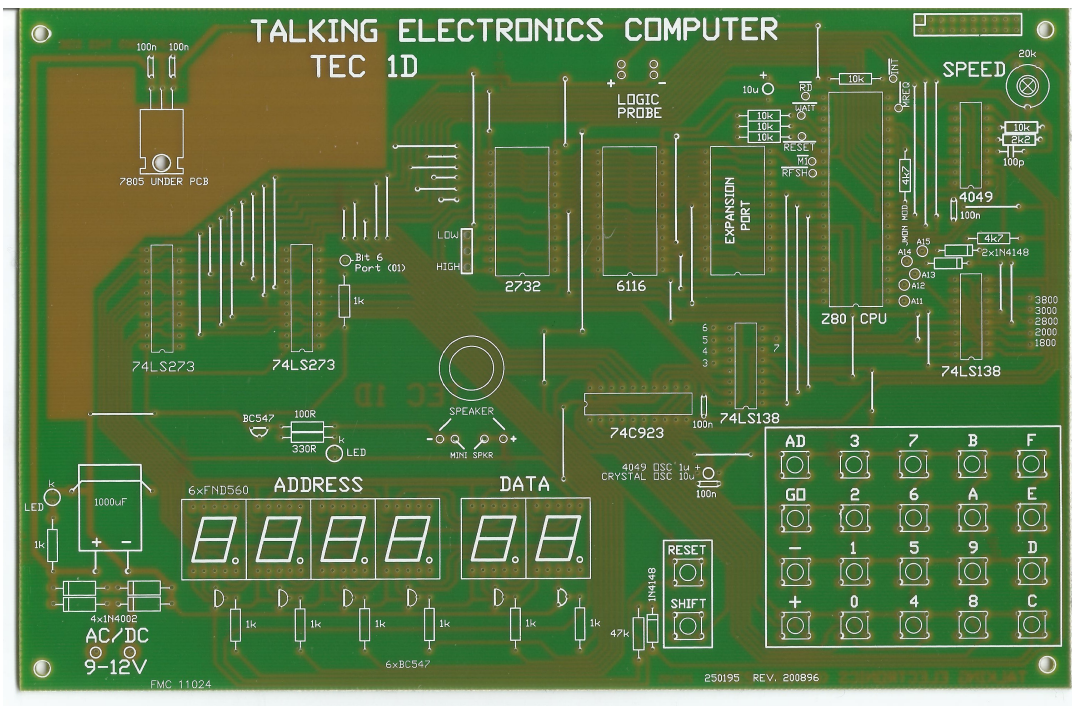
IDE bus interface circuit

An expandable 6502 SBC

AT keyboard interface

I2C Bus interface

LazyPROM



Memory Plus: memory  
for your KIM SYM AIM

Mitsubishi 740 boards

## Enhanced 740 BASIC

EhBaSIC 740 Code

examples

---

Enhanced 740 BASIC  
Language reference

DOS65

DOS65 manuals,  
sources, listings

DOS65 articles in the  
KIM 6502 uP Kenner  
and CompUser

DOS65 hardware

Silicon hard disk  
Andrew Gregory

EP: EPROM  
programmer for DOS65

EPROM programmer  
Andrew Gregory

DOS65, floppy  
emulator HxC2001,  
transfer files

DOS65 floppy collection

DOS65 programming  
languages

AS + ED Macro  
assembler and Text  
Editor

DOS65 Pascal

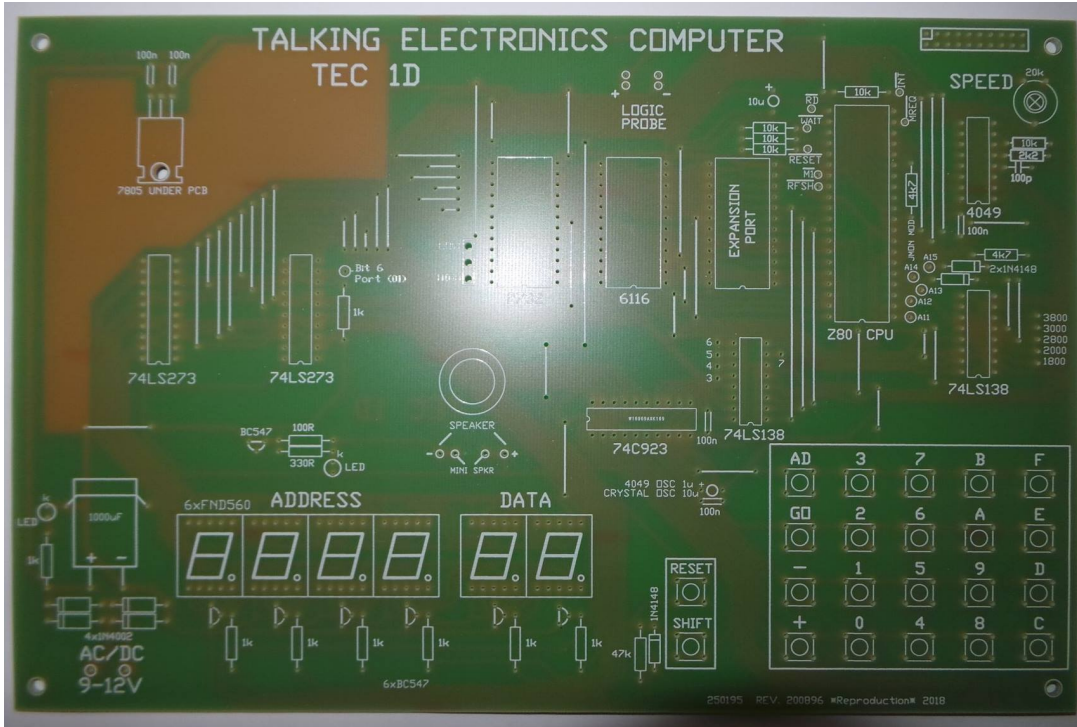
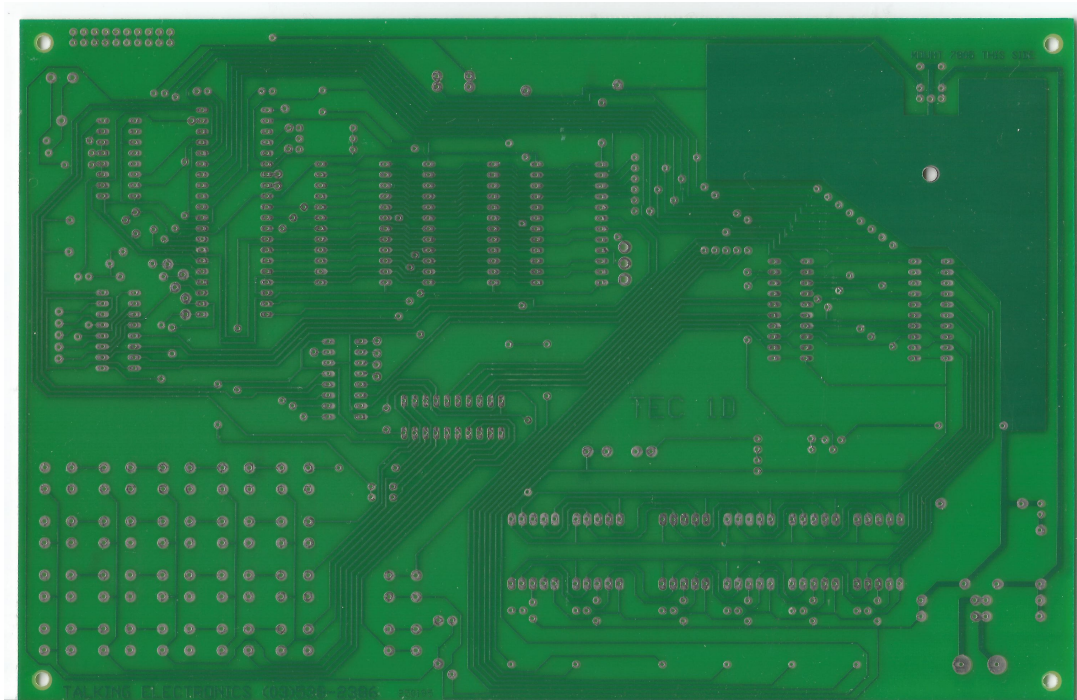
DOS65 Basic

DOS65 Comal

DOS65 Forth

DOS65 Small C  
Compiler





DOS65 application:  
ASTRID and Viditel

DOS65 application:  
Logic analyzer

1802 Cosmicos

Z80

RC2014 and the 6502

## Talking Electronics and the Z80

Talking Electronics TEC-1

TEC-1 and TEC1-A

TEC-1B

TEC-1D

TEC-1 addons

TEC-1 system ROMS

My TEC-1D

Talking Electronics  
Microcomp

Z80 development  
system

## ARCHIVES

January 2019

November 2018

September 2018

August 2018

May 2018

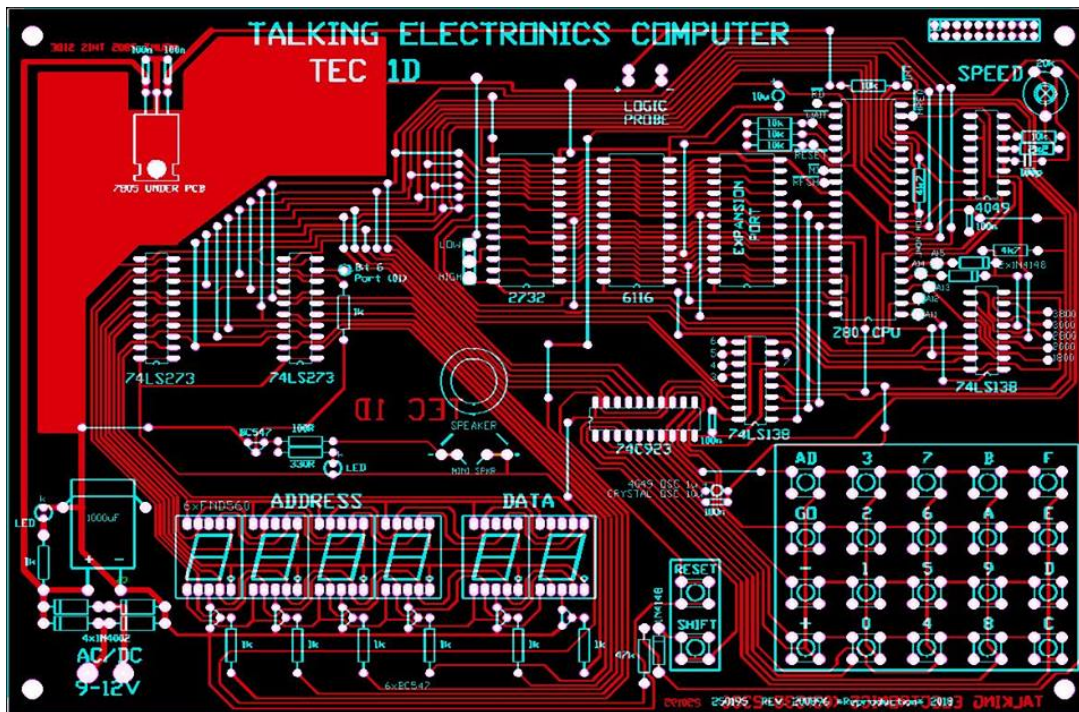
April 2018

March 2018

December 2017

November 2017

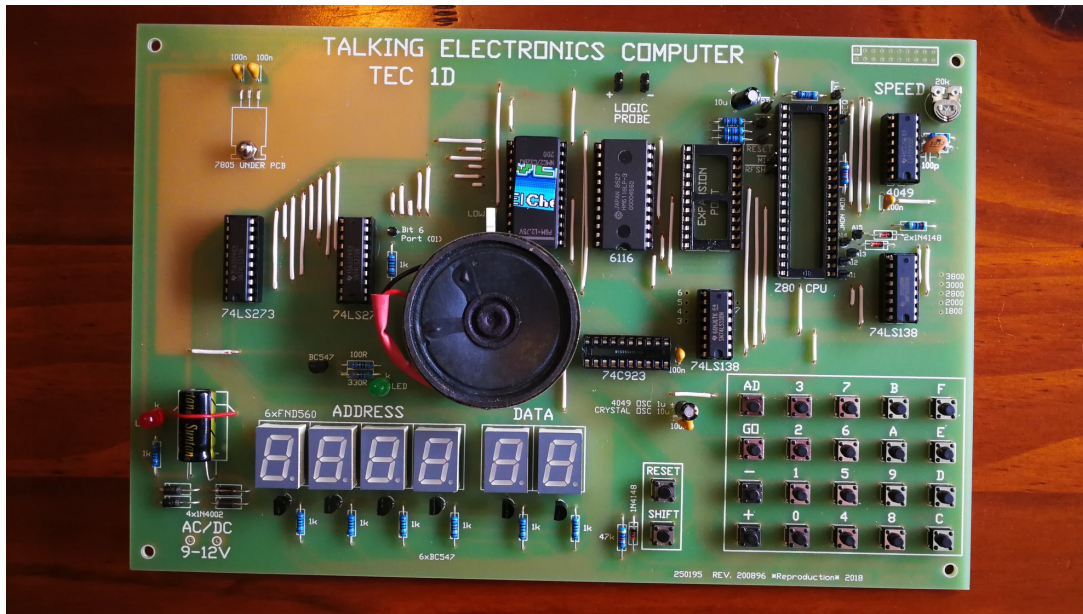


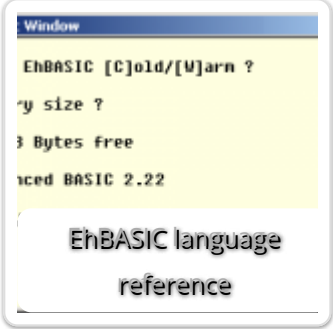
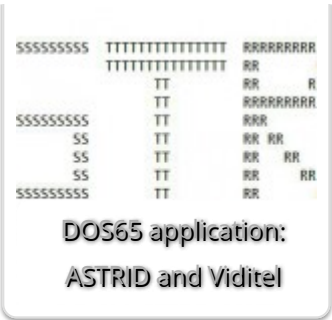


May 2015

## Z80







## ARCHIVES

- January 2019
- November 2018
- September 2018
- August 2018
- May 2018
- April 2018
- March 2018
- December 2017
- November 2017
- October 2017
- July 2017
- June 2017
- May 2017
- March 2017
- February 2017
- January 2017

## LICENSE

Content on this site has been published under a Creative Commons License CC BY-NC-SA 4.0. Feel free to publish it on your websites, blogs... under the following conditions: You must give appropriate credit, mention the author and provide a link to this original publication and to the license indicated above. You may not use the material for commercial purposes.

## RELATED POSTS

A screenshot of a document titled "DOS65 manuals, sources, listings". It contains a table of contents or index with entries like "all 5.1.1", "5.1.1", "5.1.2", "5.1.3", "5.1.4", "5.1.5", "5.1.6", "5.1.7", "5.1.8", "5.1.9", "5.1.10", "5.1.11", "5.1.12", "5.1.13", "5.1.14", "5.1.15", "5.1.16", "5.1.17", "5.1.18", "5.1.19", "5.1.20", "5.1.21", "5.1.22", "5.1.23", "5.1.24", "5.1.25", "5.1.26", "5.1.27", "5.1.28", "5.1.29", "5.1.30", "5.1.31", "5.1.32", "5.1.33", "5.1.34", "5.1.35", "5.1.36", "5.1.37", "5.1.38", "5.1.39", "5.1.40", "5.1.41", "5.1.42", "5.1.43", "5.1.44", "5.1.45", "5.1.46", "5.1.47", "5.1.48", "5.1.49", "5.1.50", "5.1.51", "5.1.52", "5.1.53", "5.1.54", "5.1.55", "5.1.56", "5.1.57", "5.1.58", "5.1.59", "5.1.60", "5.1.61", "5.1.62", "5.1.63", "5.1.64", "5.1.65", "5.1.66", "5.1.67", "5.1.68", "5.1.69", "5.1.70", "5.1.71", "5.1.72", "5.1.73", "5.1.74", "5.1.75", "5.1.76", "5.1.77", "5.1.78", "5.1.79", "5.1.80", "5.1.81", "5.1.82", "5.1.83", "5.1.84", "5.1.85", "5.1.86", "5.1.87", "5.1.88", "5.1.89", "5.1.90", "5.1.91", "5.1.92", "5.1.93", "5.1.94", "5.1.95", "5.1.96", "5.1.97", "5.1.98", "5.1.99", "5.1.100".

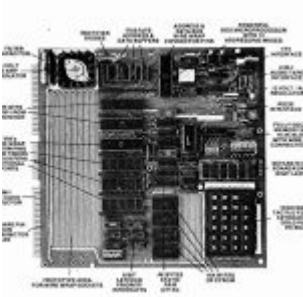
DOS65 manuals, sources, listings

A screenshot of a document titled "DOS65 application: ASTRID and Viditel". It shows a grid of characters (S, T, R) arranged in a pattern, likely representing a game or a data visualization.

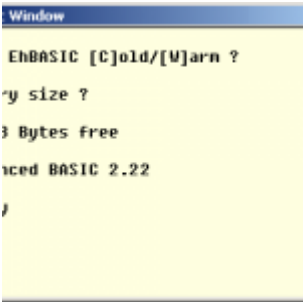
DOS65 application: ASTRID and Viditel



December 2016
September 2016
August 2016
May 2016
April 2016
March 2016
September 2015
August 2015
June 2015
May 2015



SUPERKIM



EhBASIC

language reference