



EZoFlash2. Flash memory programmer.

Simplified and based on Willem EPROM programmer schematics and SW.

EZoFlash2 is oriented in flash memory programming and support:

- 8bit flash memory in TSOP-32, DIP-32 and PLCC-32 packages -
- +5.0V Vcc chips without RST and Vpp – 29F/C/EE 512,010,020,040,002N
- get ID, read, verify, erase, blank check and program actions;
- adress range to 4Mbit (..A18);
- adapters with sockets for DIP-32 and PLCC-32 devices;
- adapter with flash soldering for TSOP-32 devices.

Recommended SW version 0.97g, 26.01.2003, <http://www.willem.org/ZIP/epr097g.zip>

Programmer not recommended more for new design, use latest EZoFlash+ HW version.

Flash Programmer v1.1, v1.2 (ezoflash2) . Part list.

IC1..IC3 - 4015
IC4..IC5 - 4503
IC6 - 4014
IC7 - 74HC04
IC8 - 78L05
V2 - BC557
V3 - BC547
D1..D2 – KD522 or 1N4148 (v1.1)
D1..D2 – not used, replace with wire (v1.2)
D3 - any standard LED
C1..C3 - 470n
R2..R4 - 2.2k
R5..R6 - 9k1
BU1 - D-Sub 25 poles male connector with angled solder pins
BU2 - Chassis connector 2.5mm for PCB
BU3 - Strip connector socket, division 2.54 , 2x16

Adapters part list.

TSOP-32D
BU5 - Straight pin-header 2 x16, division 2.54
Solder chip on adapter contactpads.

DIP-32_A

BU6 - Angle pin header, 2.54mm spacing , 2x16 (insert and solder from PCB lead tracks side)
BU8 – DIL-32 socket

PLCC-32_A

BU6 – Angle dual pin-header 2 x16, division 2.54 (insert and solder from PCB lead tracks side)
BU8 – PLCC-32 socket

