

Adapters DIP-32A and DIP-32A1

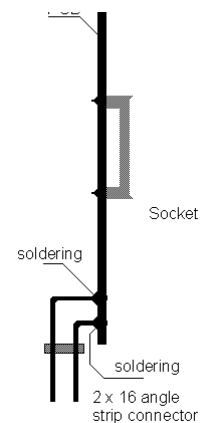
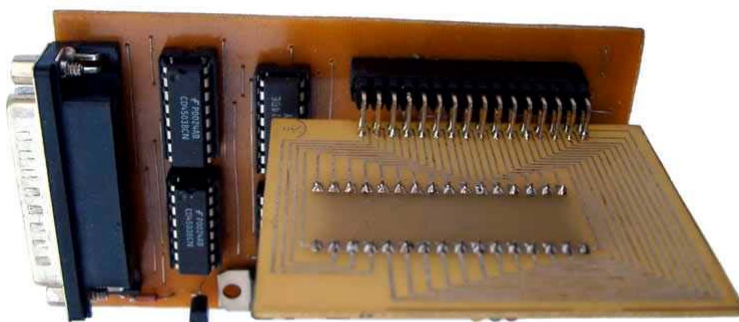
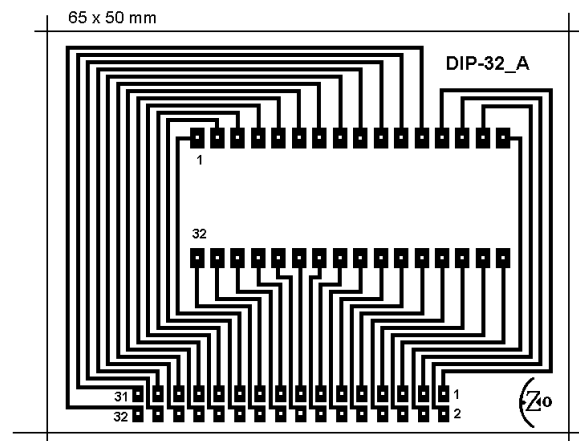
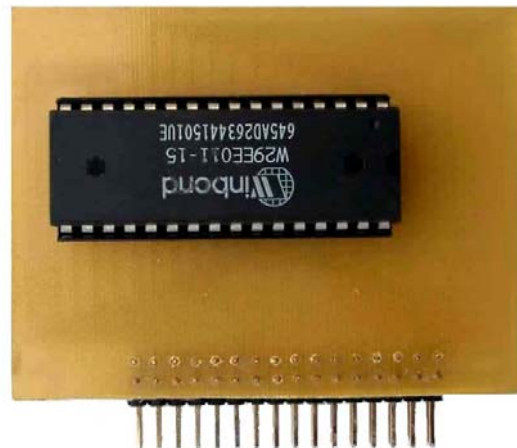
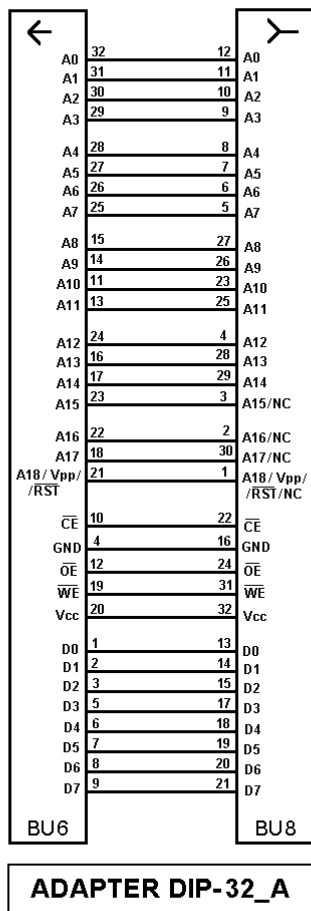
EzoFlash+ adapters for 8-bit flash memory in DIP-32 package.

1. Part list.

BU6 – Angle dual pin-header 2 x 16, division 2.54

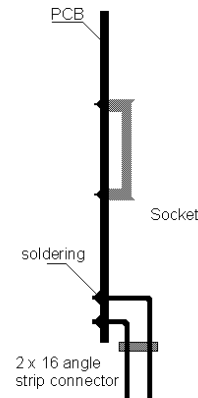
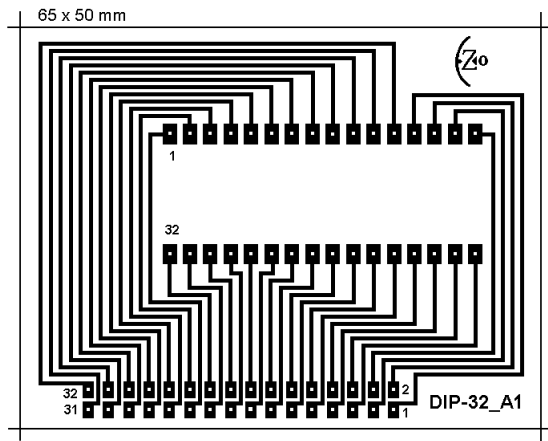
BU8 – DIL-32 socket

2. Schematic, PCB and pictures



New design DIP-32A1 recommended (modify by Inionis).

Insert angle strip connector from components side. No soldering iron with fine tips required more.



3. Settings, supported chip list

Willem programmer software version 0.97ja or 0.97g.

Verified chips on mentioned adapter are underlined. Details find in chip_test.xls file

Software may not support some chip, report problem in Willem forum.

GROUP A (Uniform sectors)

Selected device group *Flash 29/39/49Fxxx > 29Fxxx, 39/49xxx*

- Vcc=5V. Pin1- NC or A18. Jumpers Jp1, Jp3 (+5V), Jp5 (A18).

Alliance AS29F010 **AMD** AM29F010, AM29F010A, AM29F010B, AM29F040, AM29F040B **Amic** A29512A, A29010, A29040, A29040A, A29040B **Atmel** AT49F512, AT49F010, AT49HF010, AT49F020, AT49F040, AT49F040T **Bright** BM29F040 **EON** EN29F512, EN29F010, EN29F040, EN29F040A **Hynix/Hyundai** HY29F040 **Macronix** MX29F040, **Megawin** MM29F040 **Mosel Vitelic** V29LC51001, V29LC51002 **NexFlash** NX29F010, **PMC** PM39F010, PM39F020, PM39F040 **SST** SST39SF512, SST39SF010, SST39SF010A, SST39SF020, SST39SF020A, SST39SF040, SST39SF040A **SGS/ST Micro** M29F010B, M29F040, M29F040B **SyncMos** F29LC51001, F29LC51002

- Vcc=3.3V. Pin1-NC or A18. Jumpers Jp2 (+3.6V), Jp5 (A18)

Actrans AC39LV040 **Atmel** AT49BV512 **EON** EN29LV040

GROUP B (Vpp, Bulk Erase Flash Memory)

Selected device group *Flash 28Fxxx > 28Fxxx, MX28Fx000A*

- Vcc=5V. Pin1-Vpp=12V. Jumpers Jp1, Jp3 (+5V), Jp4 (Vpp).

AMD AM28F256, AM28F256A, AM28F512, AM28F512A, AM28F010, AM28F010A, AM28F020, AM28F020A **Catalyst** CAT 28F512, CAT28F010, CAT28F020 **Hitachi** HN28F101

Intel (TP,P) P28F256A, P28F512, P28F010, P28F020 **ISSI** IS28F010, IS28F010A, IS28F020

Macronix MX28F1000PP, MX28F2000PP, MX28F2000TP **Mitsubishi** M5M28F101

SGS/ST Micro M28F256, M28F512, M28F101 **Texas Instr.** TMS28F512, TMS28F010A

GROUP C (Small sector size)

Apply Willem software 0.97g. Erase fail on 0.97ja, possible overwrite without erase.

Selected device group *Flash AT29C/29EExxx ; Flash 28Fxxx > SST28x0x0,4001*

- Vcc=5V. Pin1- NC or A18. Jumpers Jp1, Jp3 (+5V), Jp5 (A18).

Atmel AT29C512, AT29C010, AT29C010A, AT29C020, AT29C040A **ASD** AE29F1008, AE29F2008
SST SST28SF040A, SST29EE512, SST29EE010, PH29EE010, SST29EE020, SST29SF512,
SST29SF010, SST29SF020, SST29SF040 **Winbond** W29C011A, W29C020, W29C020C, W29C022,
W29C040, W29C040C, W29EE011, W29EE012

- Vcc=3.3V. Pin1- NC. Jumpers Jp2 (+3.6V), Jp5 (A18).

SST PH29LE010

GROUP D (Top or Bottom Boot Block)

Selected device group *Flash 29/39/49Fxxx > 29/49F00x, MXIC29Fxxx*

- Vcc=5V. Pin1-Reset or NC. Jumpers Jp1, Jp3 (+5V), Jp4 (RST).

Alliance AS29F002T, AS29F002B **AMD** AM29F002T, AM29F002B, AM29F002NT, AM29F002NB,
AM29F002BT, AM29F002BB, AM29F002NBT, AM29F002NBB **Amic** A29001T, A29001U, A29011T,
A29011U, A29002T, A29002U, A290021T, A290021U **ASD** AE49F2008 **Atmel** AT49F001, AT49F001T,
AT49F001N, AT49F001NT, AT49F002, AT49F002T, AT49F002N, AT49F002NT, AT49F002A,
AT49F002AT, AT49F002AN, AT49F002ANT **EliteMT** F49B002UA **EMTC** eM29SF002AT,
eM29SF002AB, eM29SF002NAT, eM29SF002NAB **EON** EN29F001T, EN29F001B, EN29F001NT,
EN29F001NB, EN29F002T, EN29F002B, EN29F002NT, EN29F002NB, EN29F002AT, EN29F002AB,
EN29F002ANT, EN29F002ANB **Hynix/Hyundai** HY29F002T, HY29F002B **IMT** IM29F001T,
IM29F001B, IM29F002T, IM29F002B, IM29F004T, IM29F004B **LinkSmart** L29004C
Macronix MX29F001T, MX29F001B, MX29F002T, MX29F002B, MX29F002NT, MX29F002NB,
MX29F022T, MX29F022B, MX29F022NT, MX29F022NB **Mosel Vitelic** V29C51000T, V29C51000B,
V29C51001T, V29C51001B, V29C51002T, V29C51002B **PMC** PM29F002T, PM29F002B
SGS/ST Micro M29F002T, M29F002B, M29F002NT, M29F002NB, M29F002BT, M29F002BB,
M29F002BNT, M29F002BNB **SyncMos** F29C51000T, F29C51000B, F29C51001T, F29C51001B,
F29C51002T, F29C51002B, S29C51000T, S29C51001T, S29C51001B, S29C51002T

Winbond W49F002, W49F002B, W49F002U, W49F002N, W49F020

- Vcc=5V. Pin1- A18 4Mb. Jumpers Jp1, Jp3 (+5V), Jp5 (A18).

Macronix MX29F004T, MX29F004B **PMC** PM29F004T, PM29F004B **IMT** IM29F004T, IM29F004B

- Vcc=3.3V. Pin1- Reset or NC. Jumpers Jp2 (+3.6V), Jp4 (RST)

Atmel AT49LV001, AT49LV001N, AT49LV001T, AT49LV001NT, AT49BV001, AT49BV001N,
AT49BV001T, AT49BV001NT, AT49BV001A, AT49BV001AN, AT49BV001AT, AT49BV001ANT
AT49LV002, AT49LV002N, AT49LV002T, AT49LV002NT, AT49BV002, AT49BV002N,
AT49BV002T, AT49BV002NT, AT49BV002A, AT49BV002AN, AT49BV002AT, AT49BV002ANT
IMT IM29LV001T, IM29LV001B,

- Vcc=3.3V. Pin1- A18 4Mb. Jumpers Jp2 (+3.6V), Jp5 (A18).

Amic A29L004U, **IMT** IM29LV004T, IM29LV004B