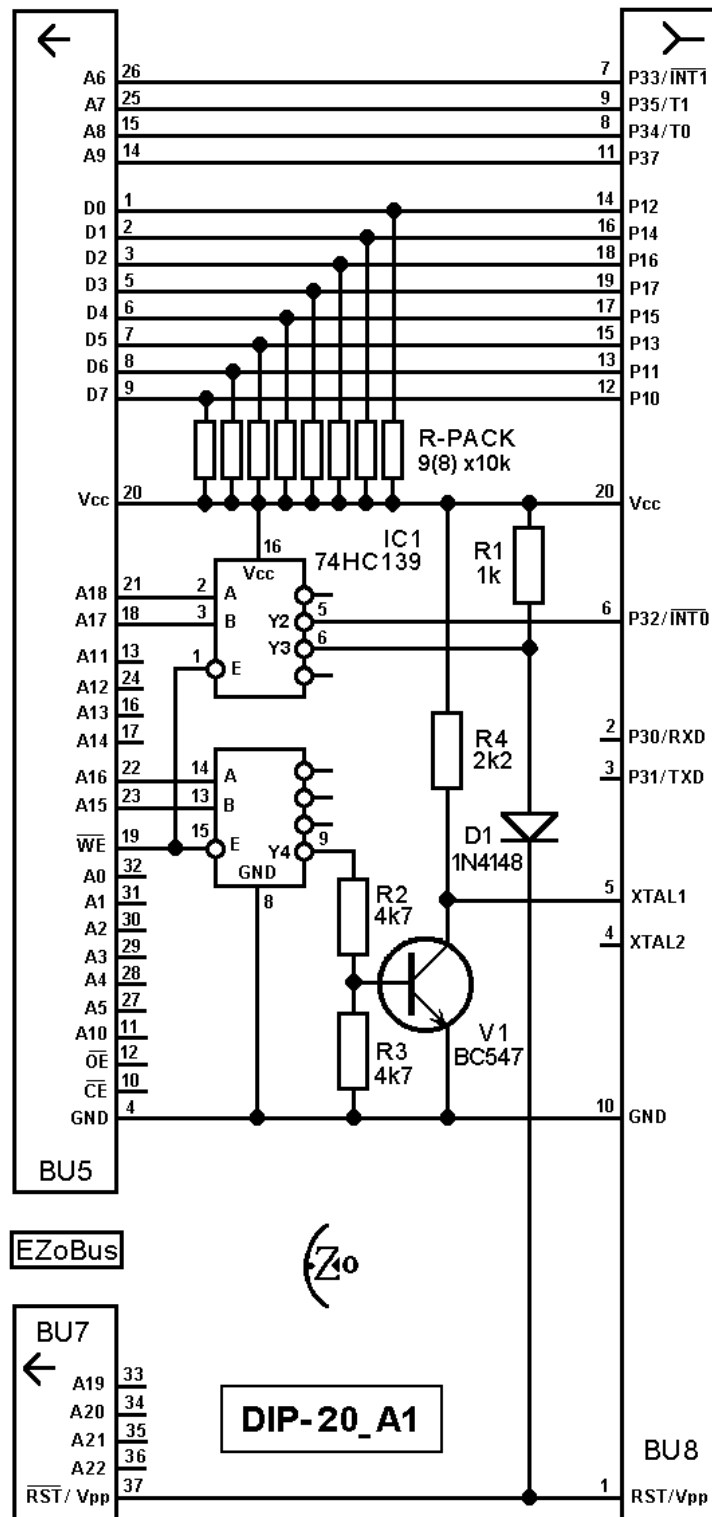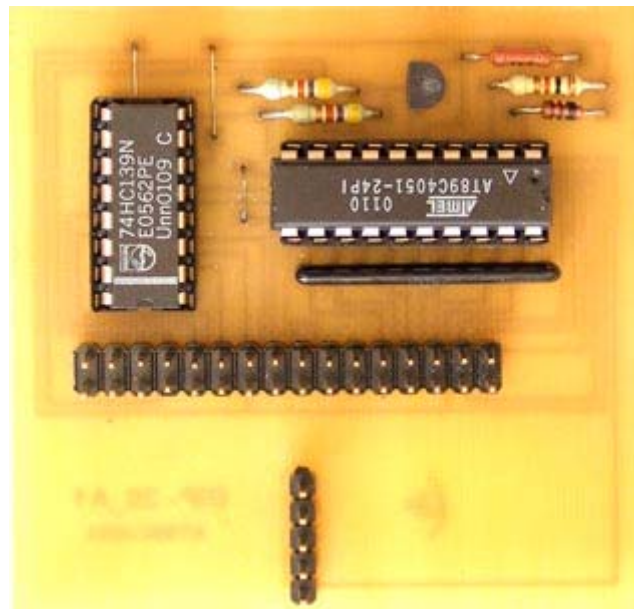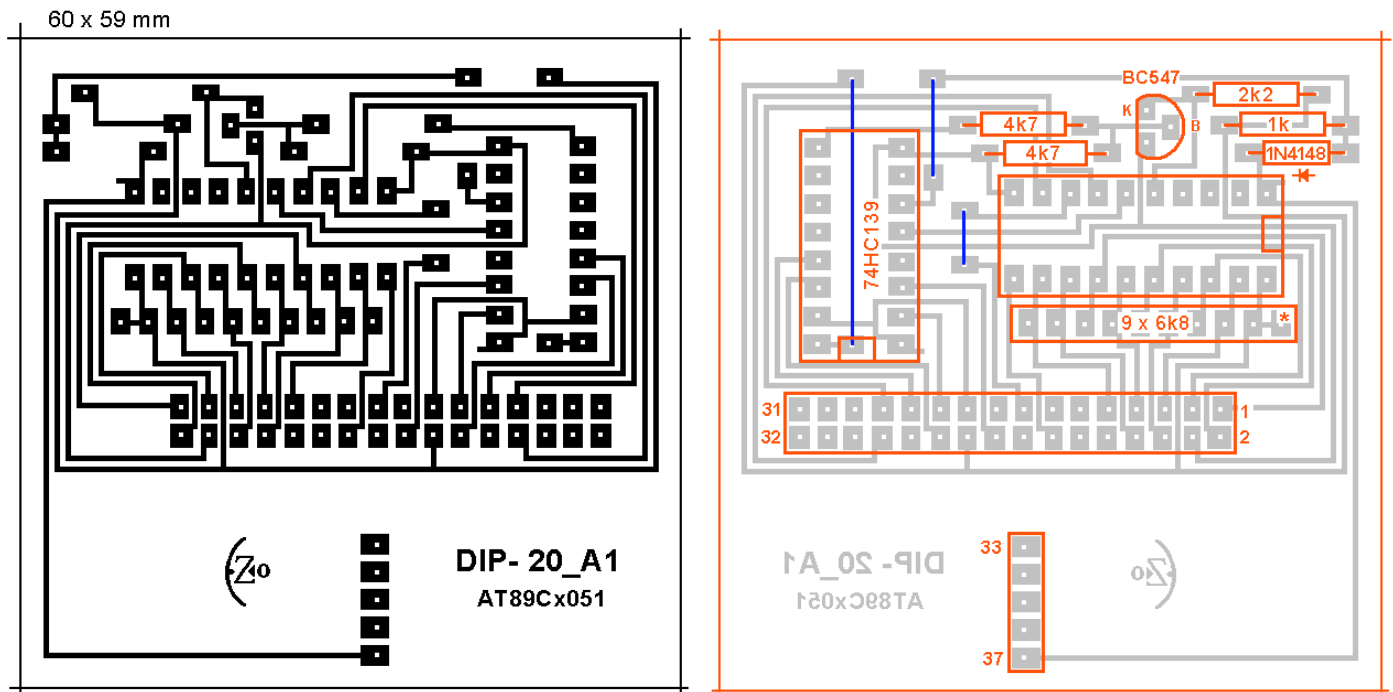**Adapter DIP-20_A1**
EzoFlash+ adapter for MCS-51 microcontrollers in DIP-20 package.

1. Part list.

R1 – 1k
R2, R3 – 4k7
R4 – 2k2
R-PACK – 9x10k or 8x4k7…10k
D1– 1N4148 or KD522
V1 – BC547
IC1 – 74HC139
BU5 – Straight pin-header 2x16, division 2.54
BU7 – Straight pin-header 1x5, division 2.54
BU8 – IC Socket DIL-20

2. Schematic, PCB and pictures

60 x 59 mm

DIP- 20_A1
AT89Cx051

74HC139

BC547
2k2
4k7
1k
4k7
1N4148
9 x 6k8
*

31
32
1
2

33
37

DIP- 20_A1
AT89Cx051

3. Settings, verified chip list and info.

Willem programmer software version 0.97ja

Selected device group *MCS-51 > AT89Cx051 > ...*
Vcc=5.0V, Vpp=12.0V. Jumpers Jp1, Jp3 (5.0V), Jp5 (A18)
Verified chips AT89C1051, AT89C2051, AT89C4051.

Test results find in chip_test.xls file
Report problems and share your experience on Willem and EZoFlash forums.