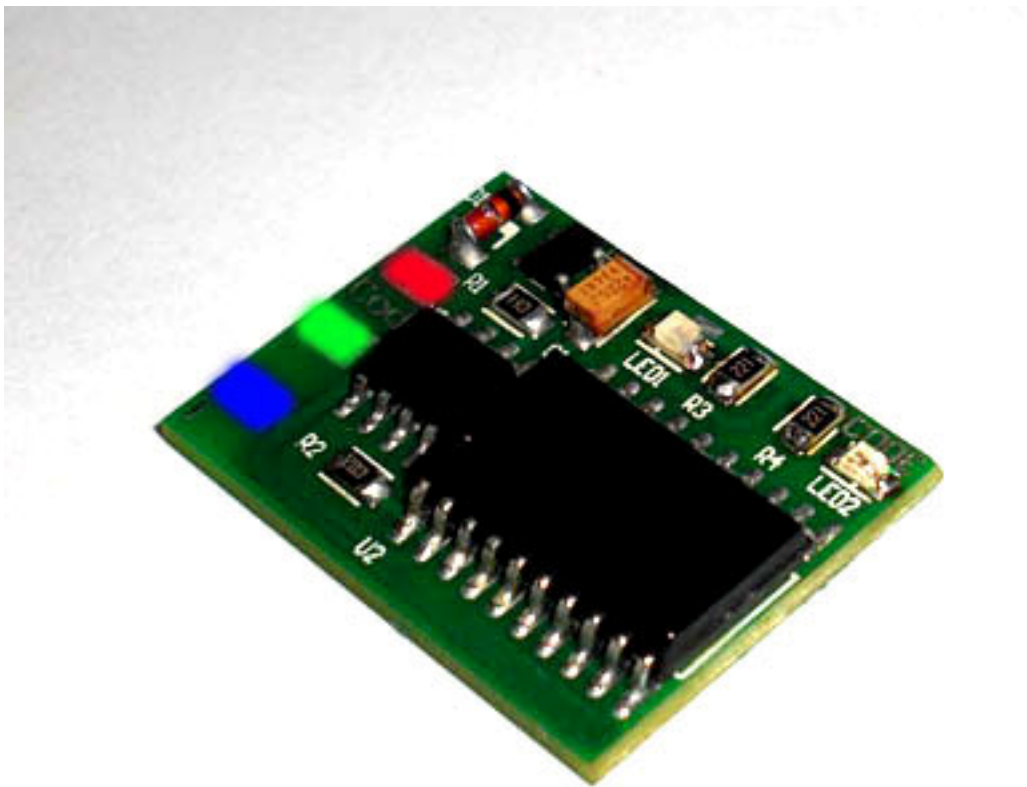# EMULATOR IMMO
SUZUKI
with memory OKI

ECM with memory OKI
read as 93lc56

Thank you for purchasing our device.

Emulator immo to Suzuki cars replaces
damaged immobilizer or the car key.

It function after made changes in memory
content of Engine Control Module ECM.

In case of losing the car keys or a car burglary,
it enable to drive off from the road
to the car service.
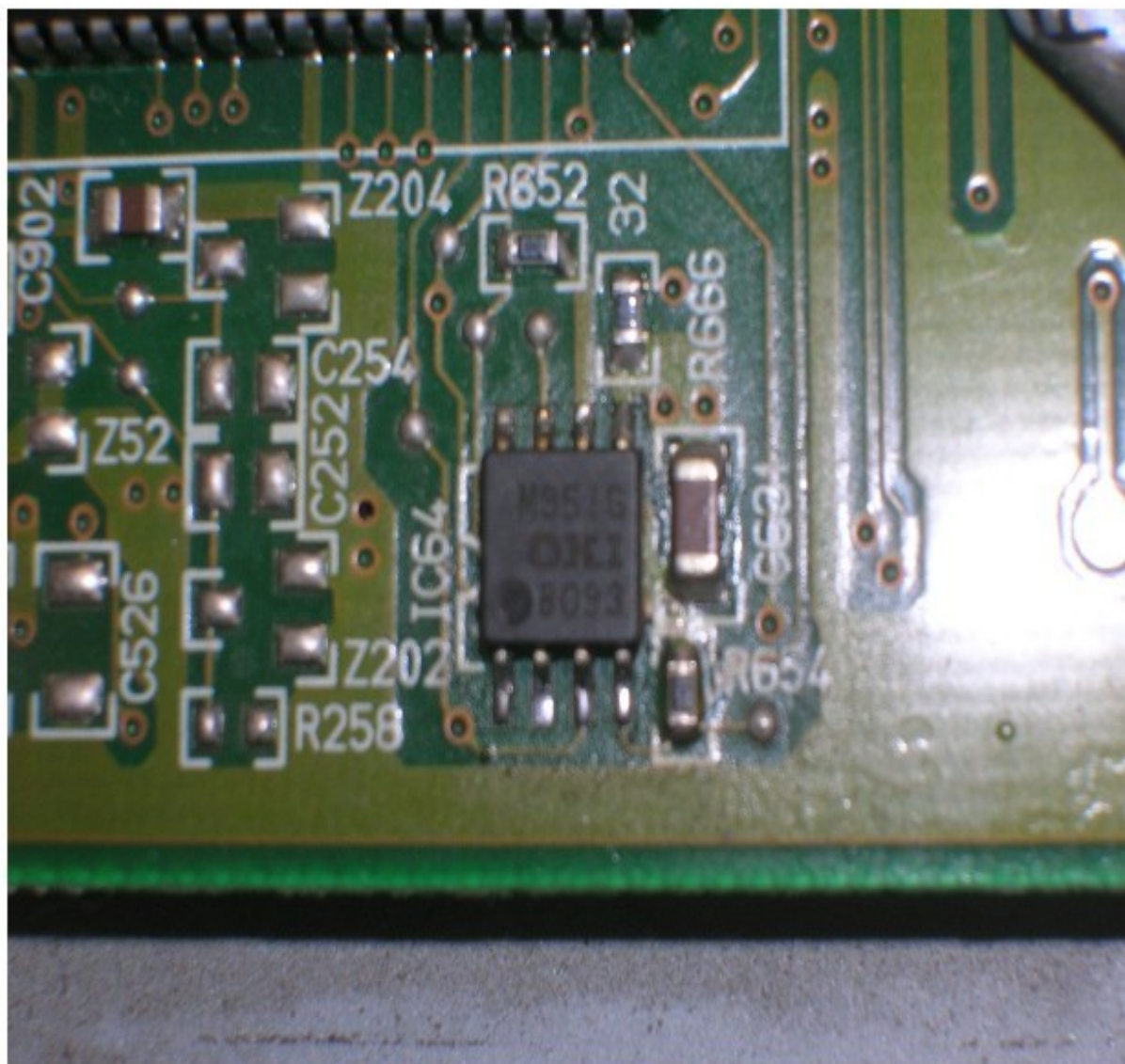
Due to a low cost you can leave it in the car
instead of buying a new immo or making car
keys duplicate.

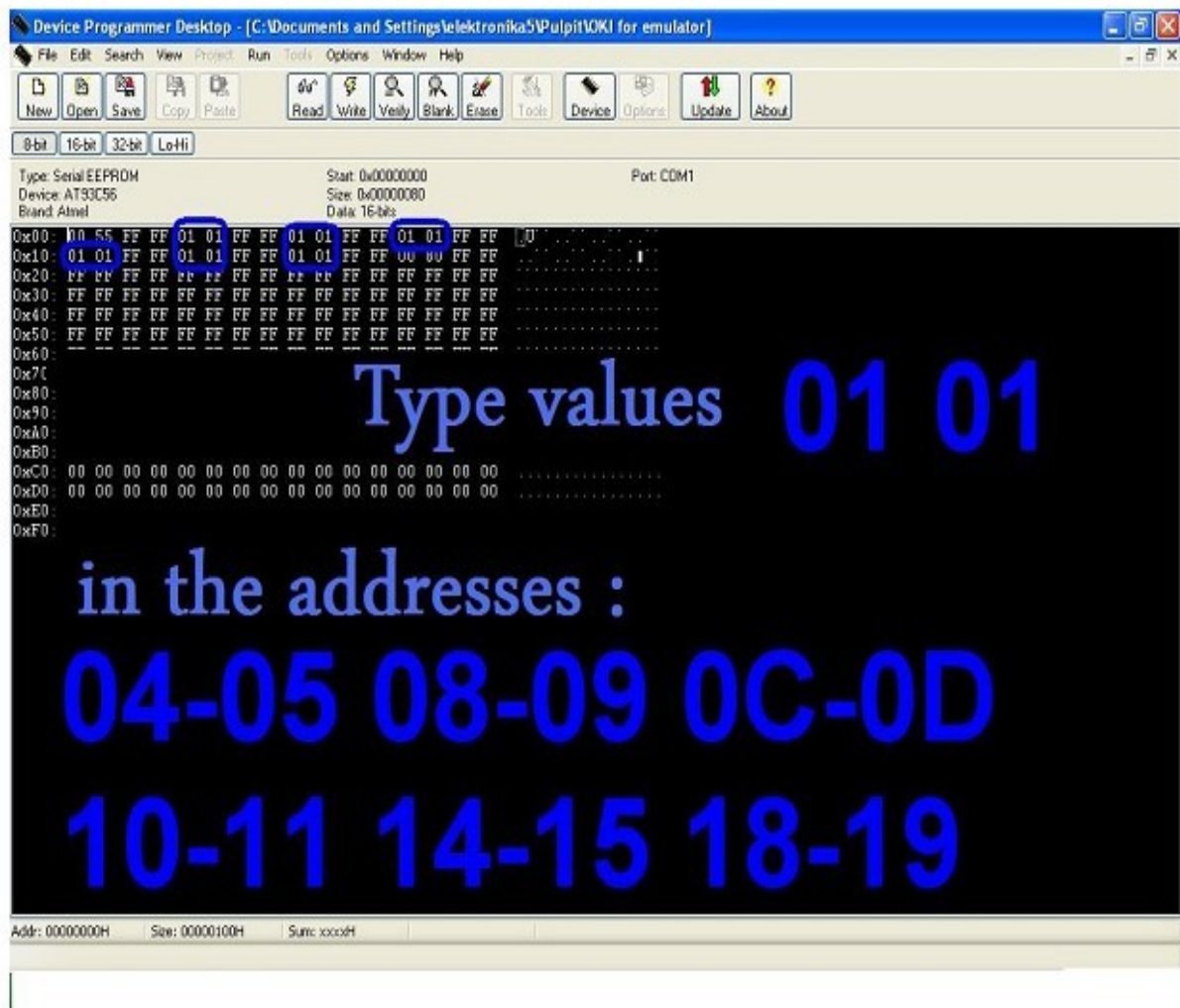There is a possibility of using it as the
additional security!!!

Two LEDs indicating:
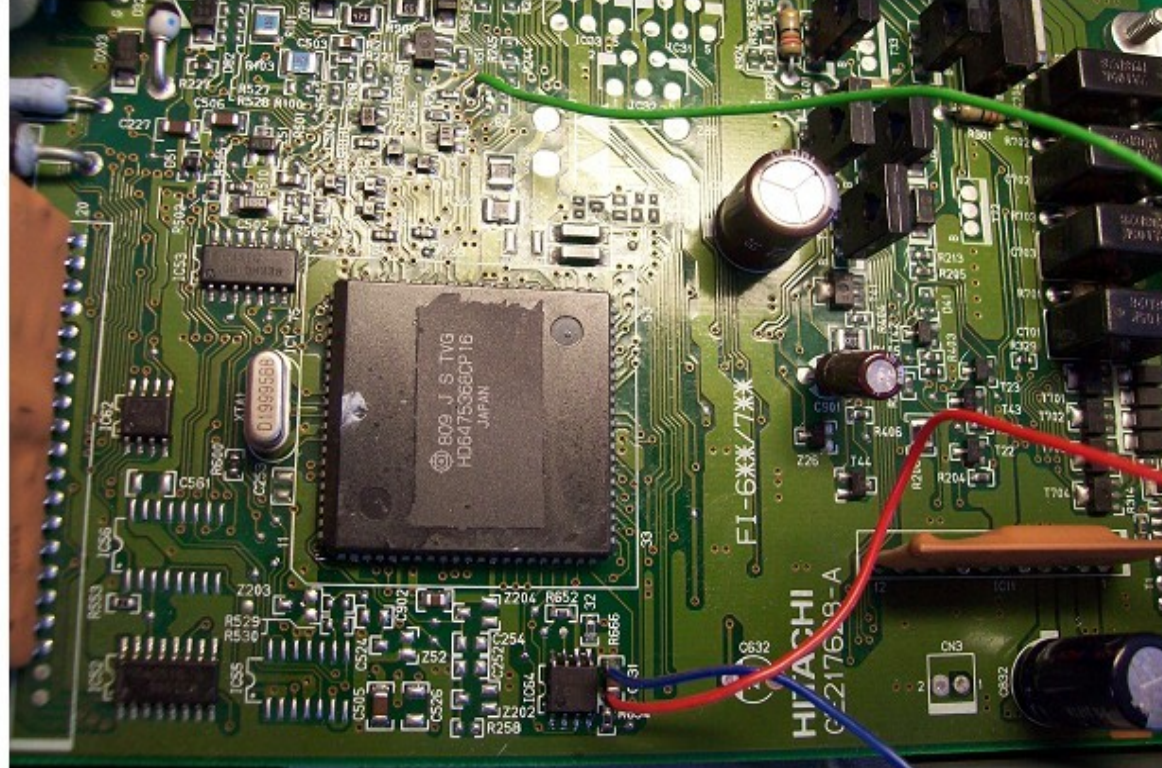green - power
red – transmission (will blink and turn off).

In ECM find memory eeprom.
OKI, read and type as 93lc56.

Device Programmer Desktop - [C:\Documents and Settings\elektronika5\Pulpit\OKI for emulator]

File Edit Search View Project Run Tools Options Window Help

New Open Save Copy Paste Read Write Verify Blank Erase Tools Device Options Update About

8-bit 16-bit 32-bit Lo-Hi

Type: Serial EEPROM   Start: 0x00000000   Port: COM1
Device: AT93C56   Size: 0x00000080
Brand: Atmel   Data: 16-bits

```
0x00 : 00 55 FF FF 01 01 FF FF 01 01 FF FF 01 01 FF FF   .U..............
0x10 : 01 01 FF FF 01 01 FF FF 01 01 FF FF 00 00 FF FF   ................
0x20 : FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF   ................
0x30 : FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF   ................
0x40 : FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF   ................
0x50 : FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF   ................
0x60 :
0x70 :
0x80 :
0x90 :
0xA0 :
0xB0 :
0xC0 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0xD0 : 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00   ................
0xE0 :
0xF0 :
```

Type values 01 01

in the addresses :
04-05 08-09 0C-0D
10-11 14-15 18-19

Addr: 00000000H   Size: 00000100H   Sum: xxxxH

To use emulator type
in memory eeprom OKI
value 01 01 in addresses :

04 – 05   08 – 09   0C -0D
10 – 11   14 – 15   18 - 19

Immo line plug B
pin 15

**In different types of ECM this line can be on
the other pins (check out by the multimeter the
way between ECM pin and 9 pin of the
diagnostic plug OBD-16pins).**

**Power supply 5V from capacitor near the
memory.**

**Before connecting the driver, emulator must be
precisely isolated by the isolation strap.**