SPECIAL CABLE

FOR X-PROG.

MANUAL.

To read Mercedes-Benz EZS Motorola 912 or 9s12 CPU EEPROM in-circuit

You can use some programmers, for ex. **xProg, Rosfar, ETL** etc.

Almost all control points joined with service connector of EZS – black painted connector. We offer connection cable for EZS reading with **xProg programmer:**

You can make yourself cable for connection with other programmers.

Use the following wiring connection diagram:
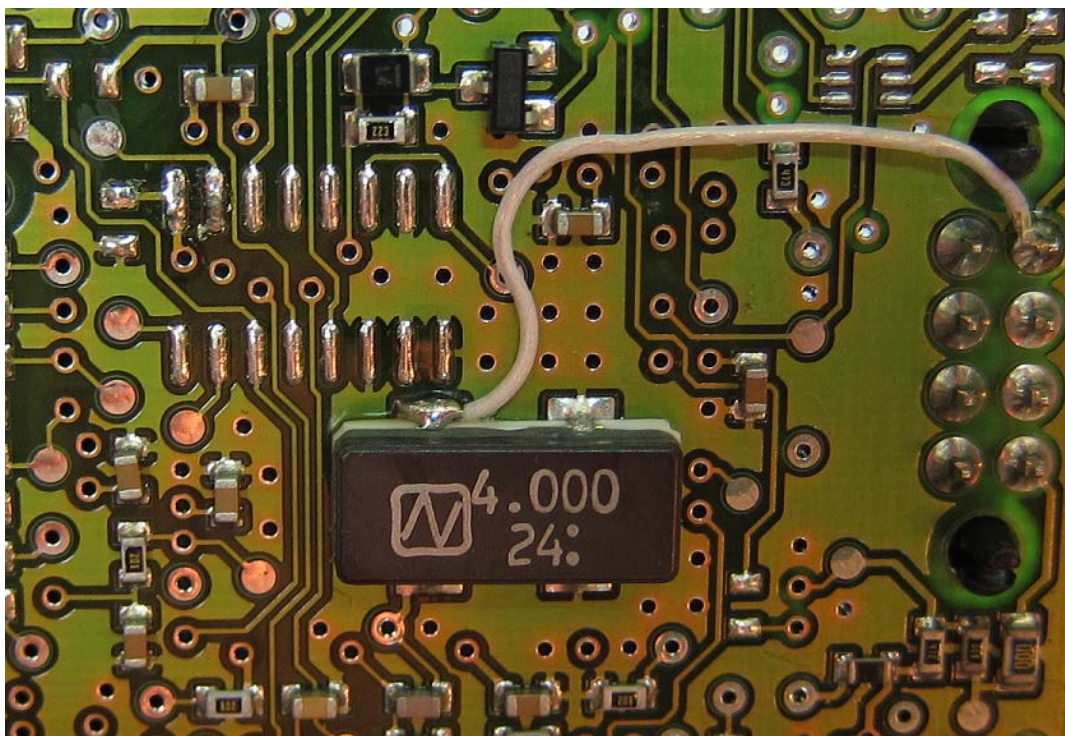
1 - EXTAL

2 – GND

3 – RESET

4 – BKGD

The EXTAL signal doesn't joint to service connector, so we have to make jump according to CPU type. If you see on board
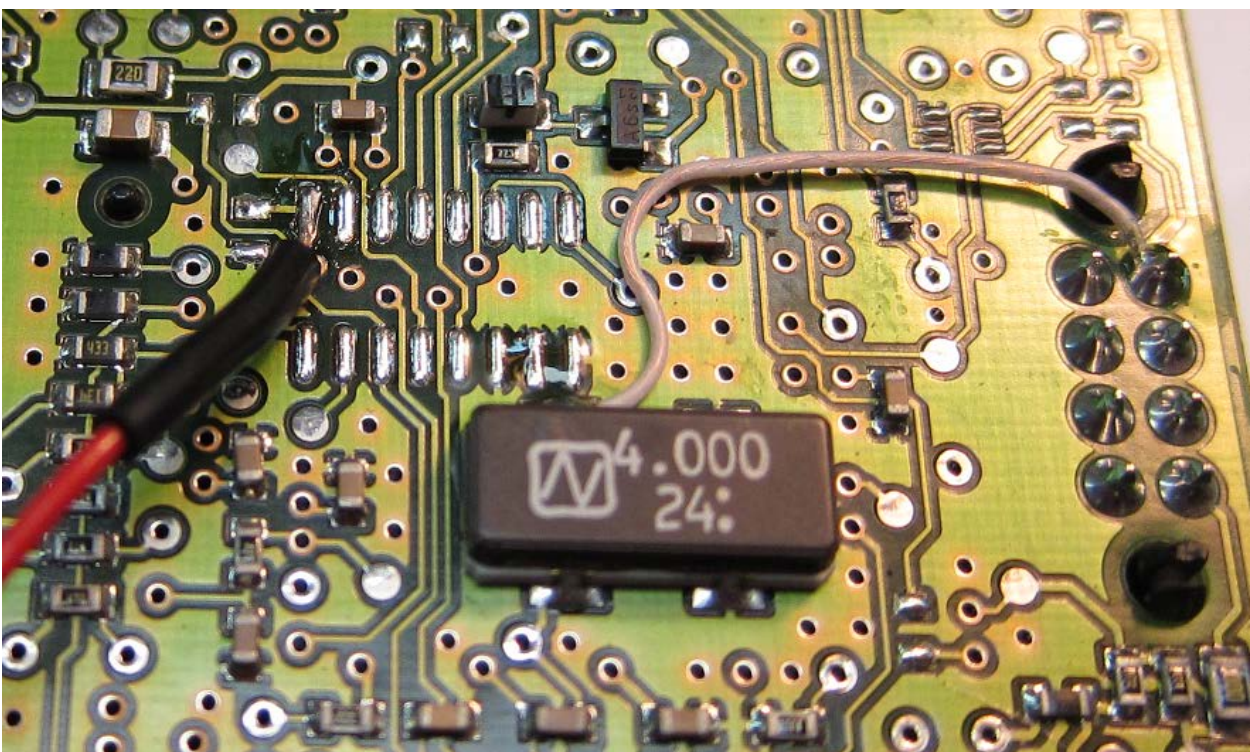

It means you have **912** CPU. Do make a jump like in picture (you can keep this jump even after reading/writing finishing).
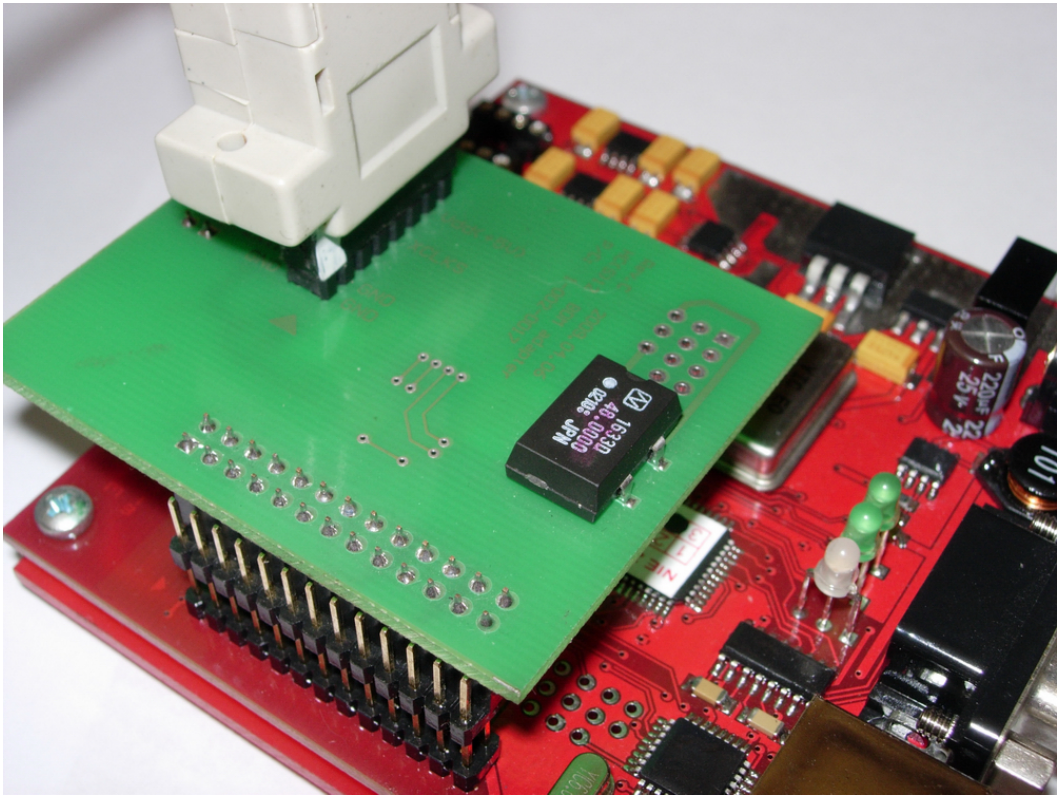
Find resistor on **RESET** line and make a jump on it for good communication. (you can keep this jump even after reading/writing finishing).
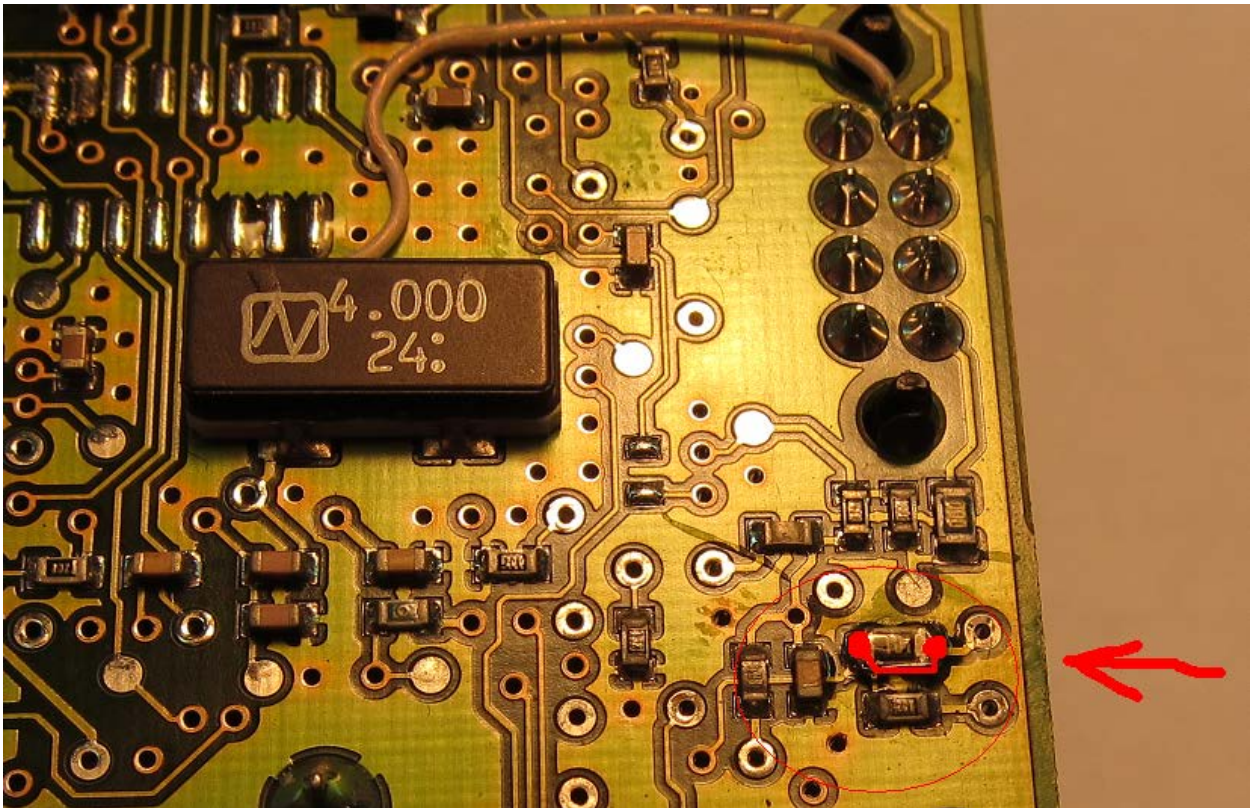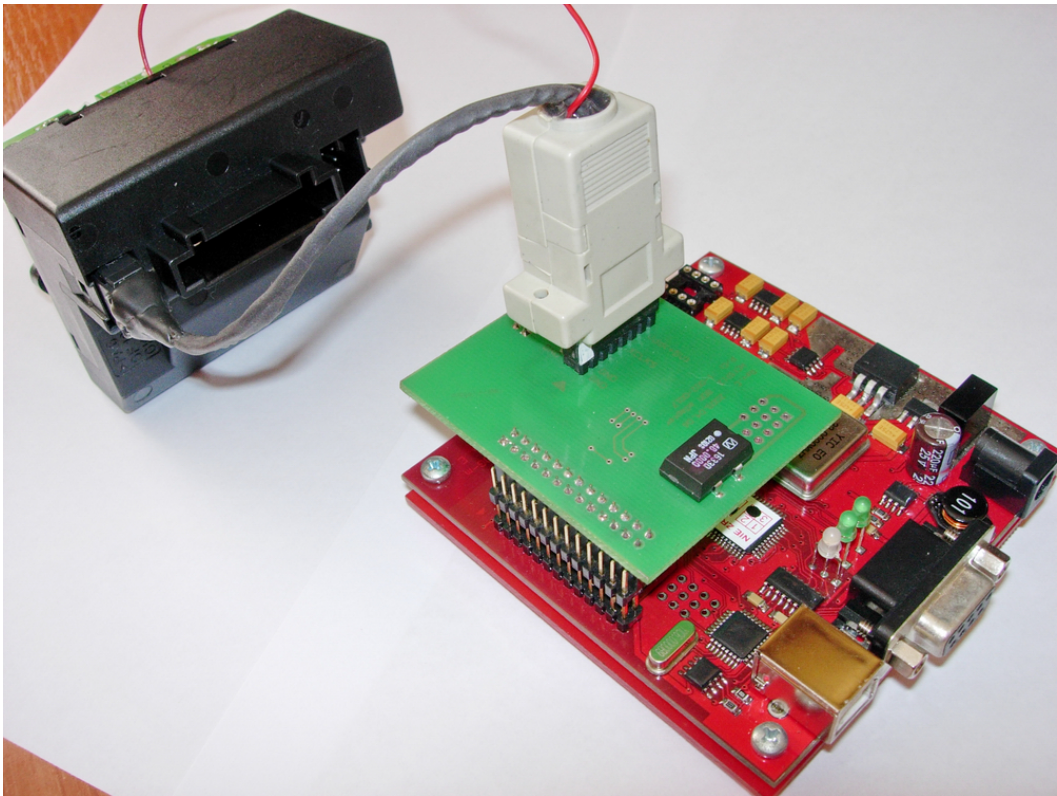

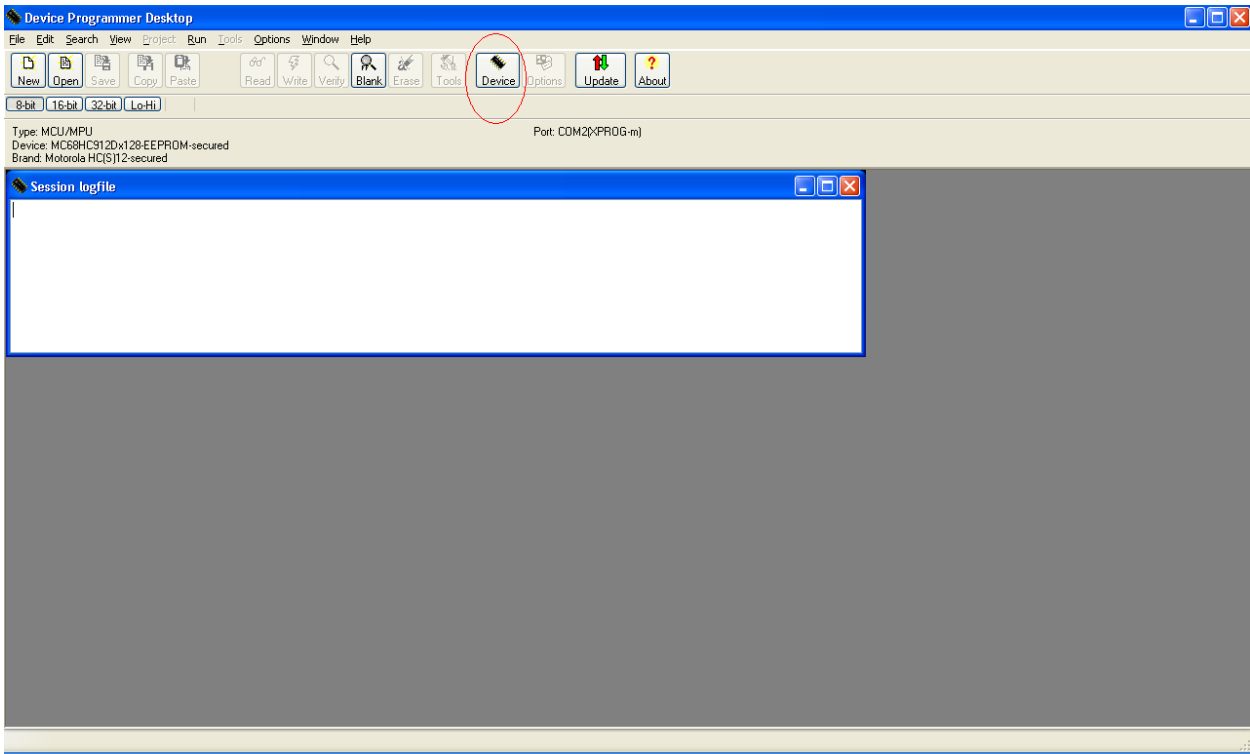Then solder red wire of our cable for power supplying.

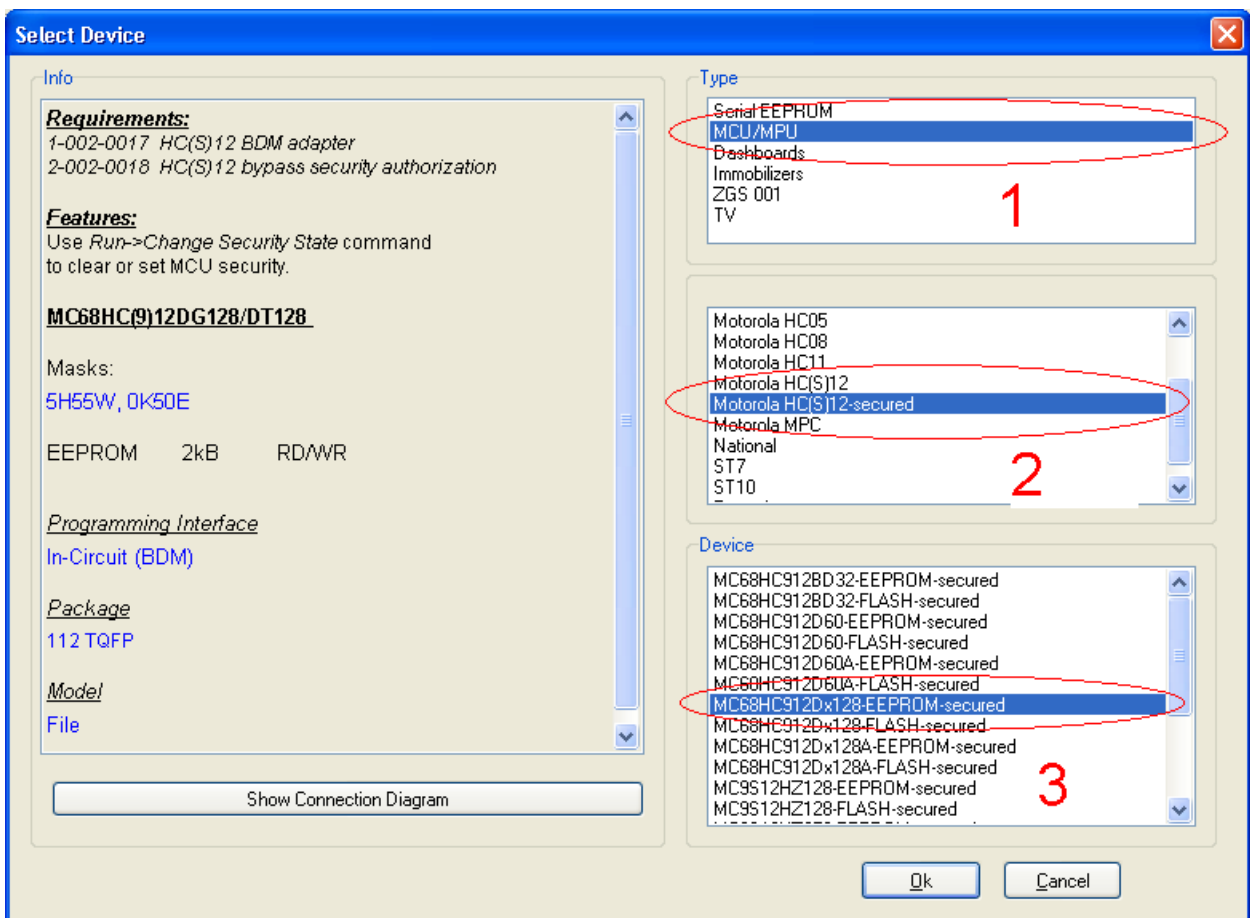Now plug in the connector to **xProg programmer board like in picture:**

We recommend to mount the part of cover on to the EZS, then you have not a mistake while you connect cable to EZS.
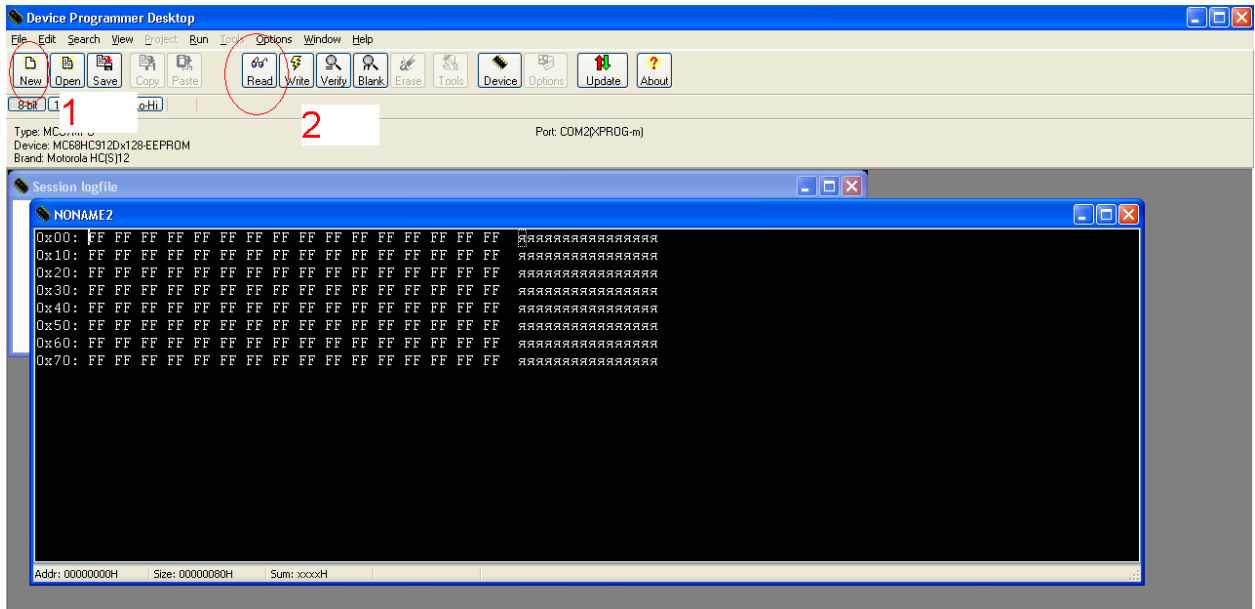
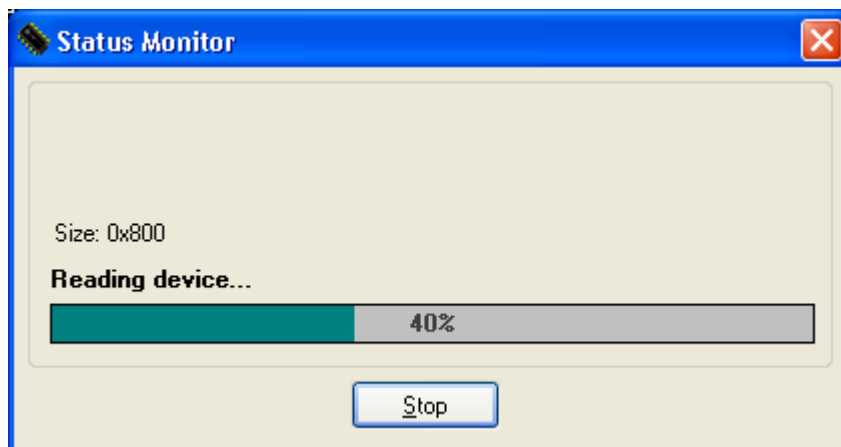Start the programmer software and press DEVICE button.
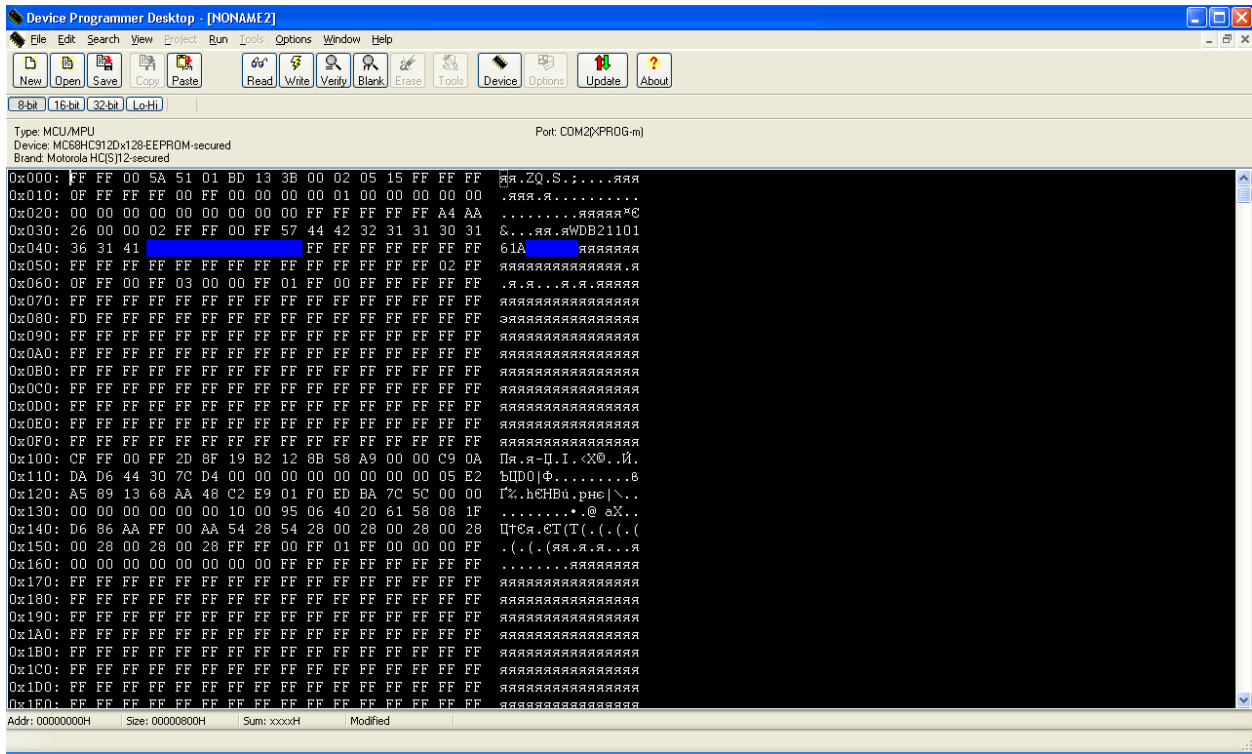

Choose the following:

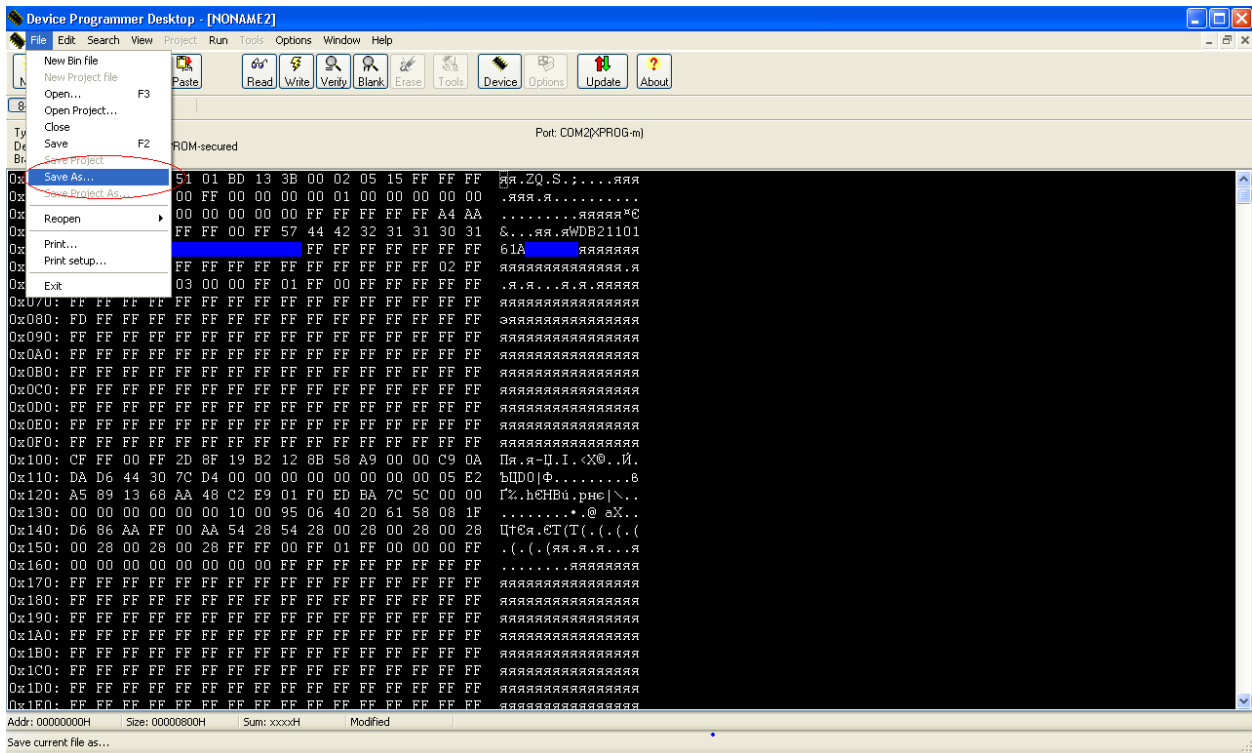Press **New button**, then **Read button**

After reading:

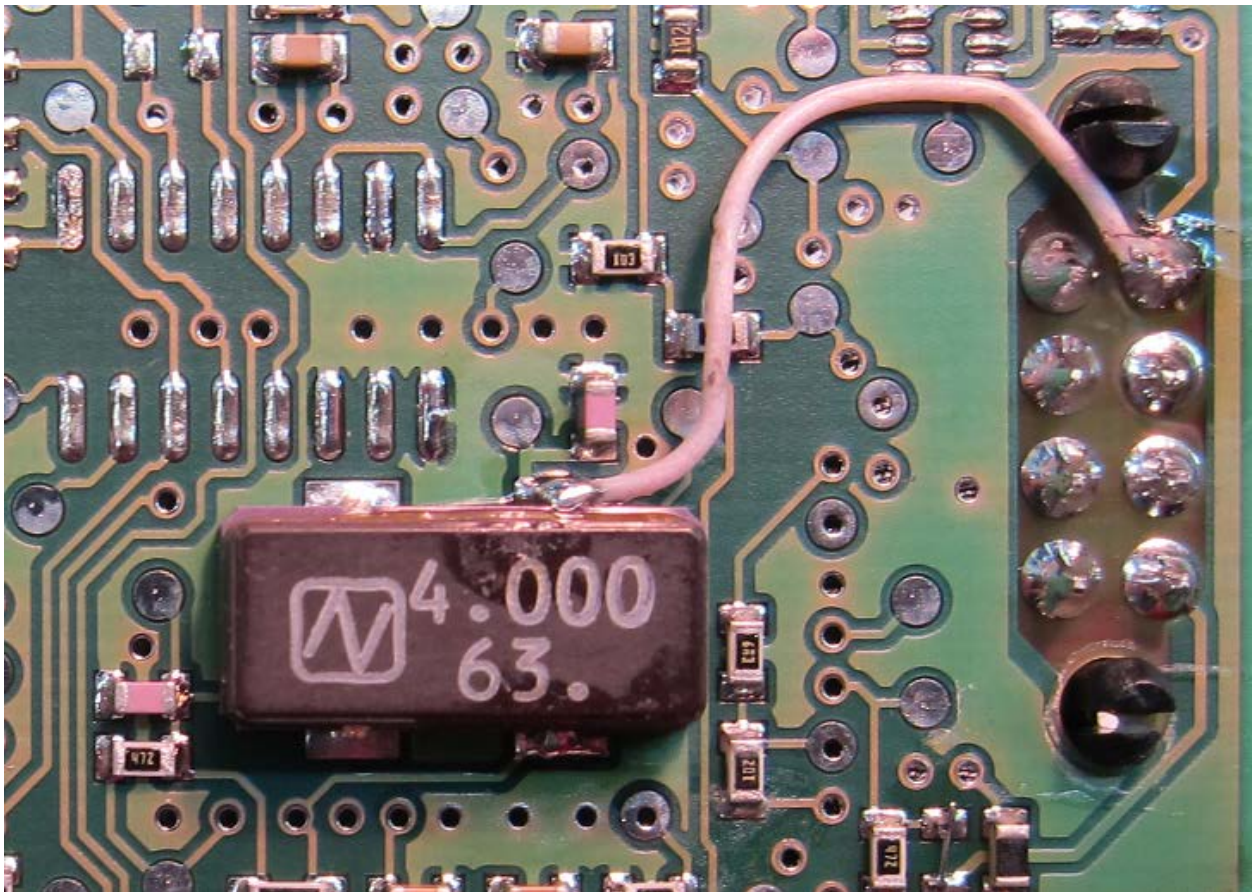You will see following picture (as sample)
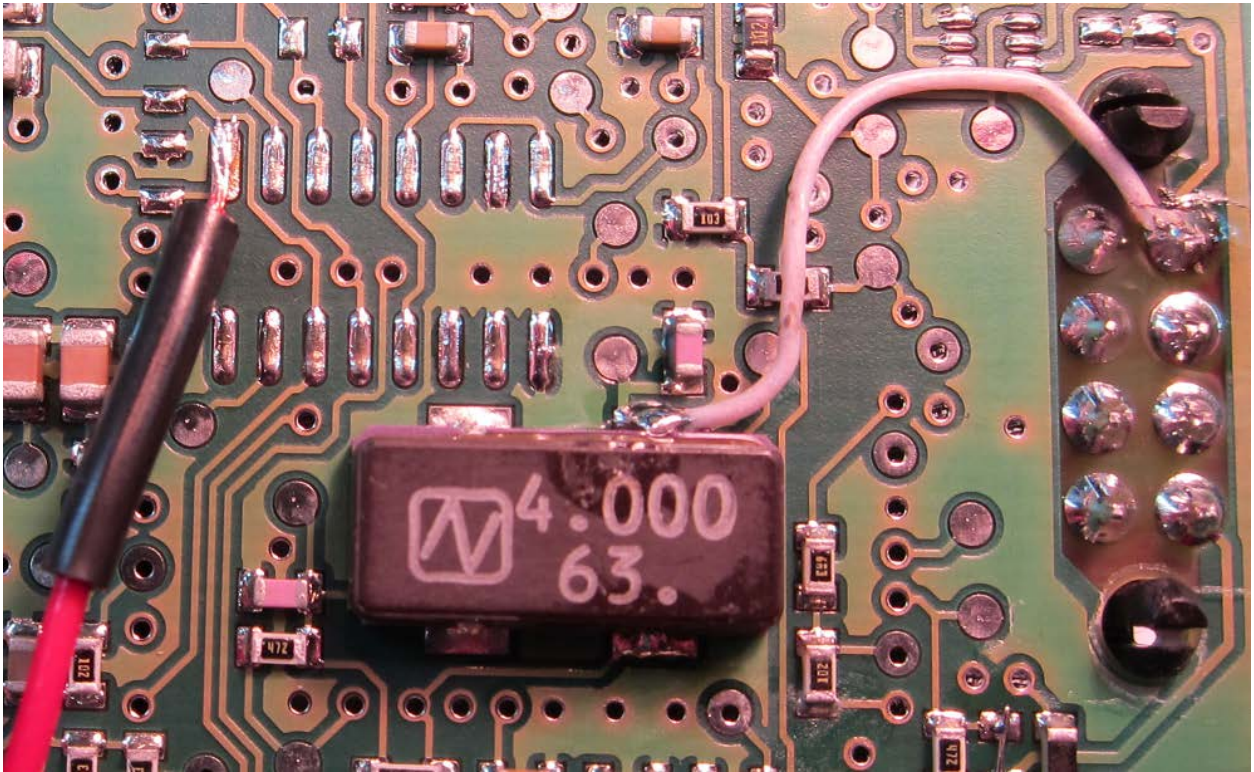

Save EEPROM file you have read.
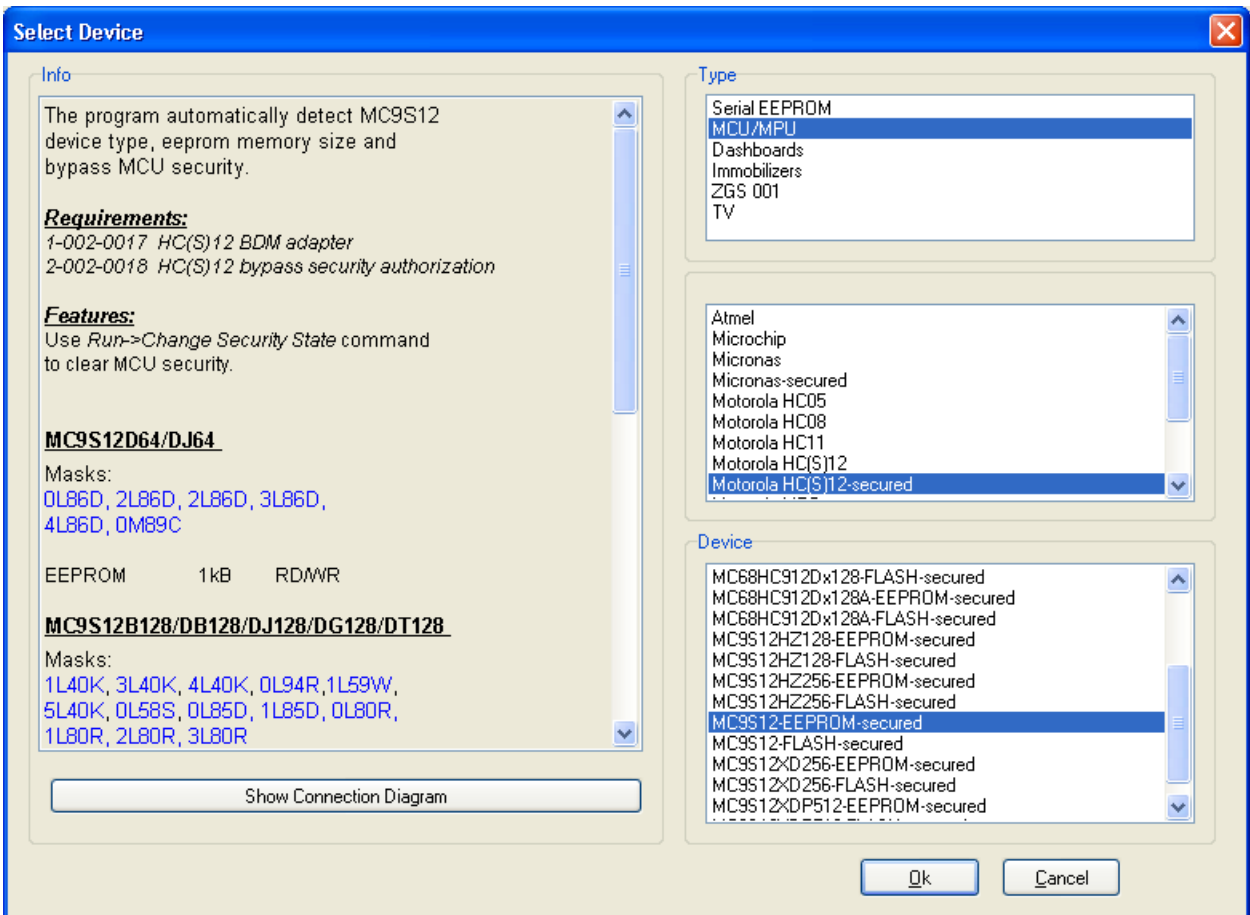
If you see on board

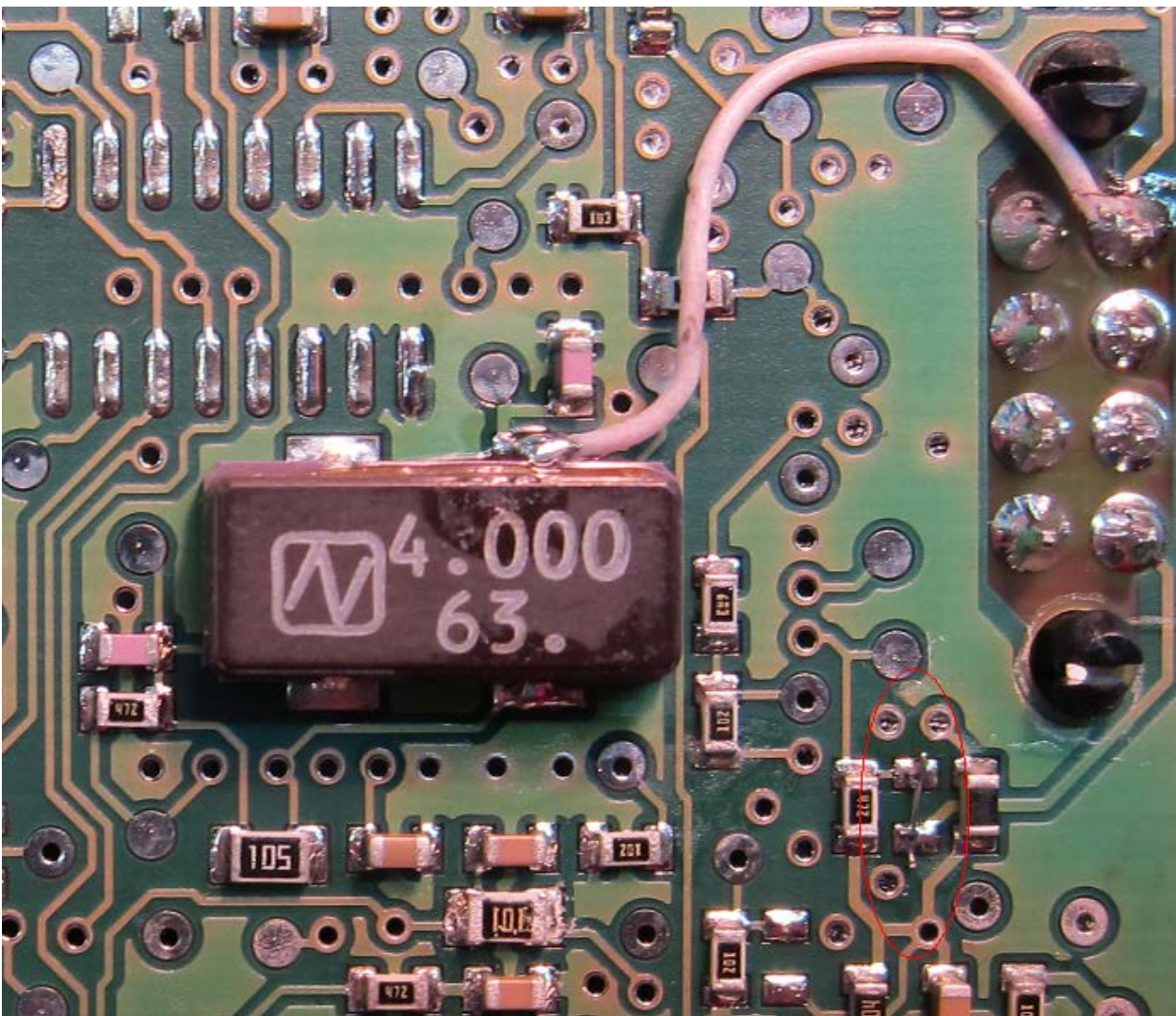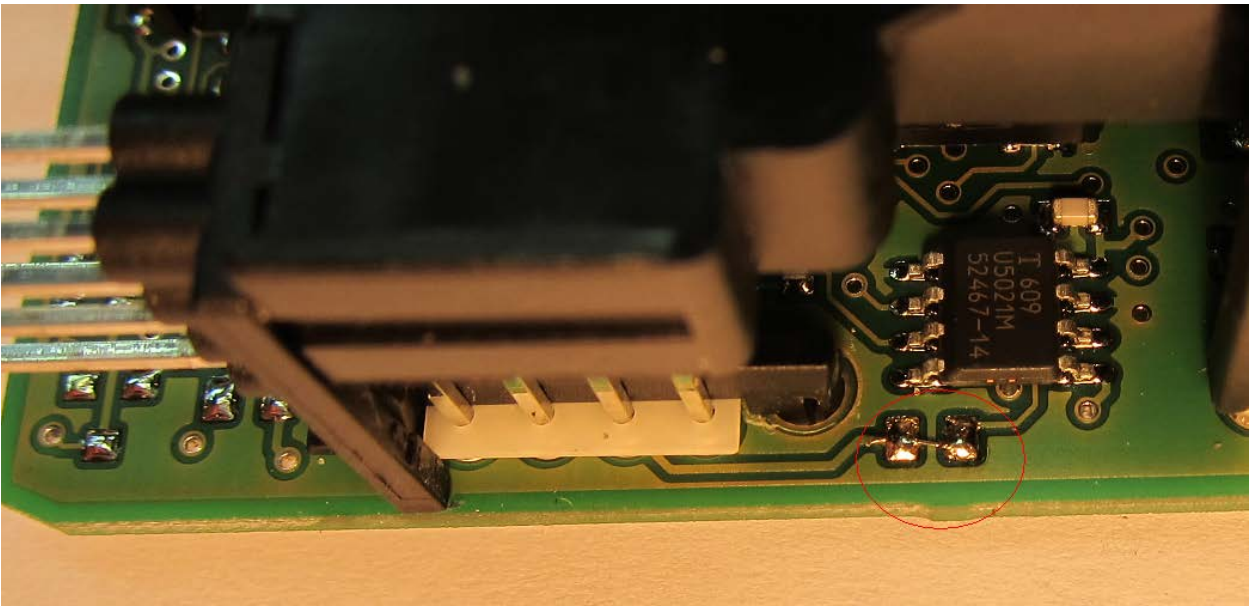It means you have **9S12** CPU. Do make only one jump like in picture

Then solder red wire of our cable for power supplying.

Then do the same job like with previous CPU type but remember about a difference when you choose microchip in programmer software.

Sometimes new board types with **9S12 CPU have not some jumps (it has zero resistance as usual). Make these jumps yourself.**

You can keep these jumps after reading/writing, too.