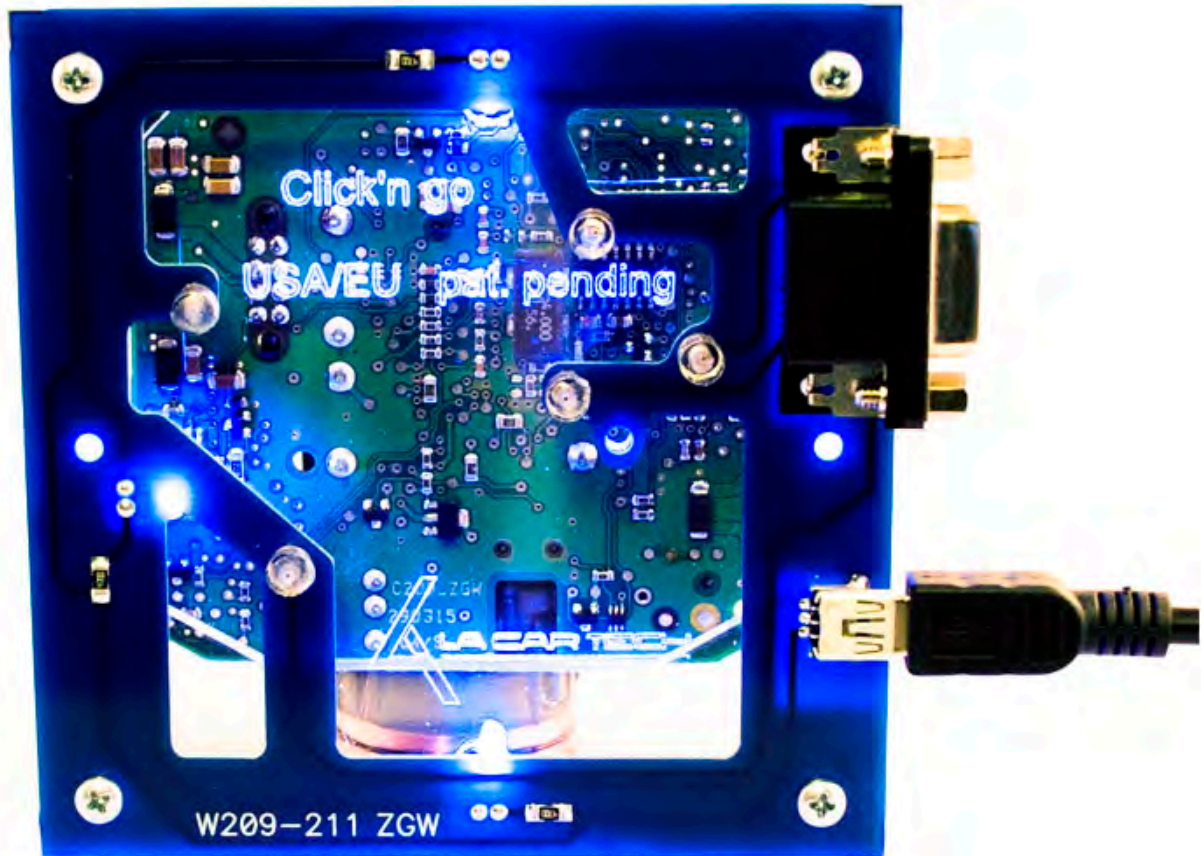


# Click'n Go

## W209-211 ZGW Click'n Go Adapter

Works with MBProg Programmer. No soldering required.



Check the PCB, in the yellow circle you will see what type of MCU you are working with. To use this Click'n Go adapter be sure you see C209\_ZGW.



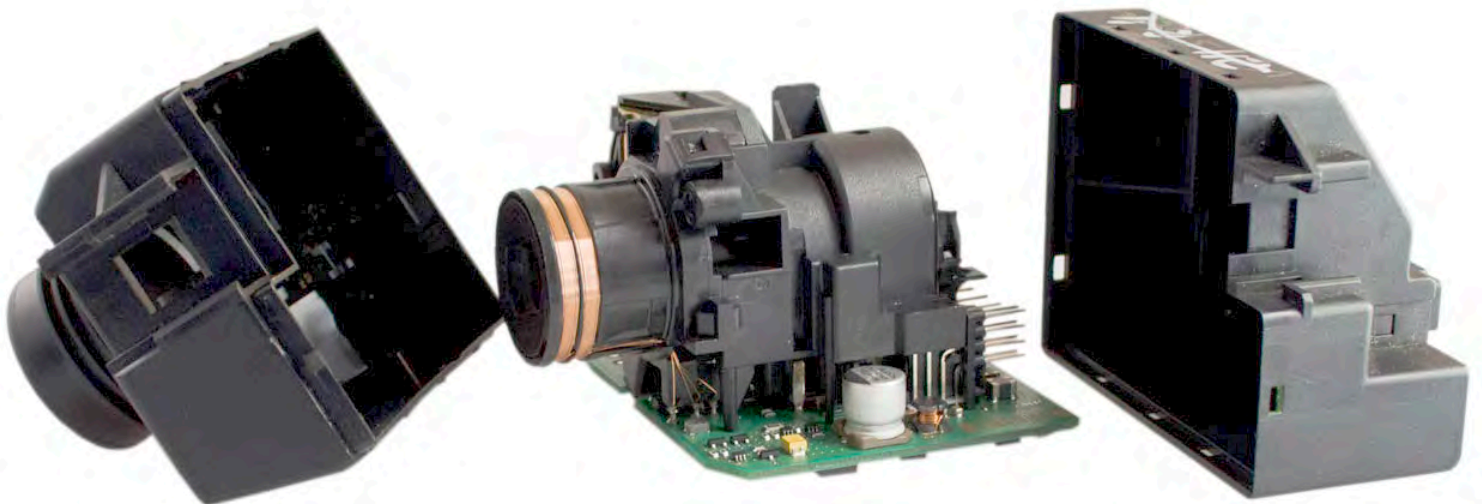
[www.mbkeyprog.com](http://www.mbkeyprog.com)



+48 517 443 433  
+48 22 724 99 96  
[info@mbkeyprog.com](mailto:info@mbkeyprog.com)

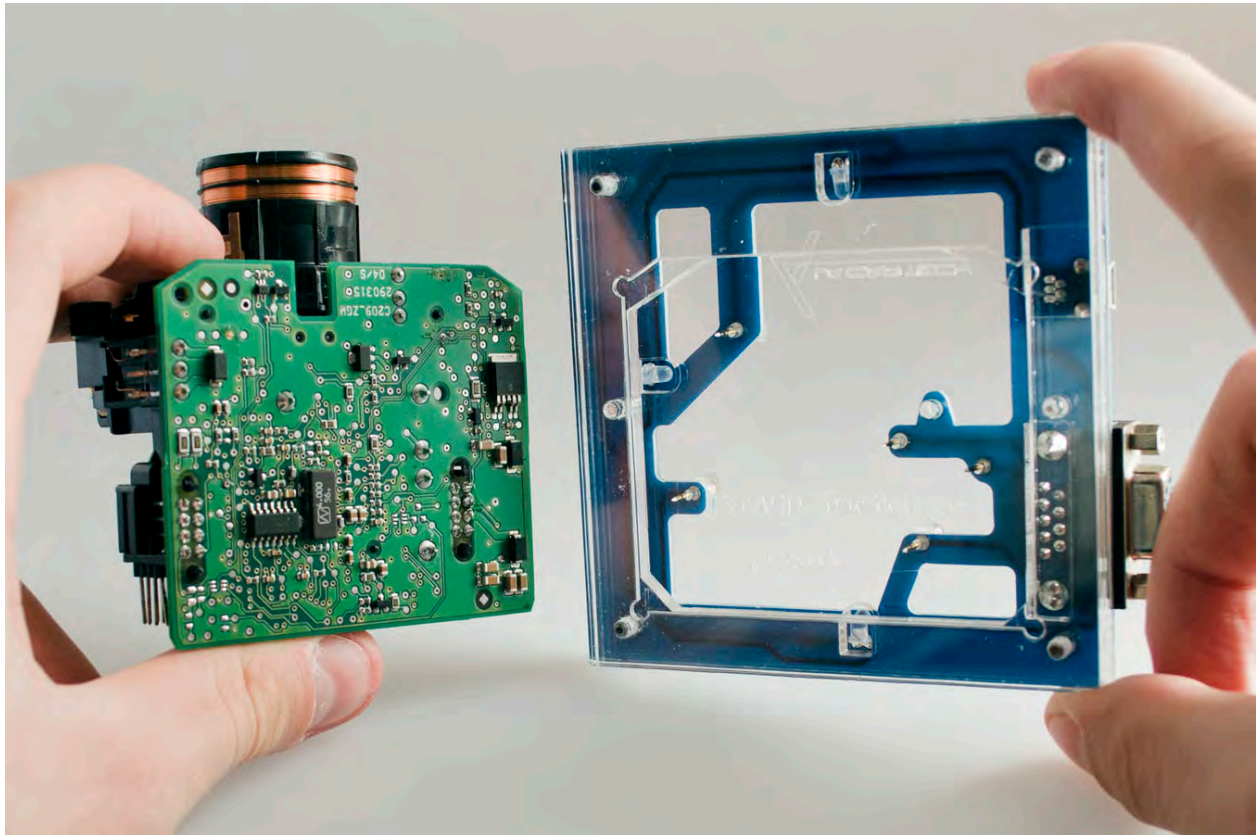
# W209/W211 ZGW

**How to connect**  
Carefully open by pushing in the EIS back body tabs.

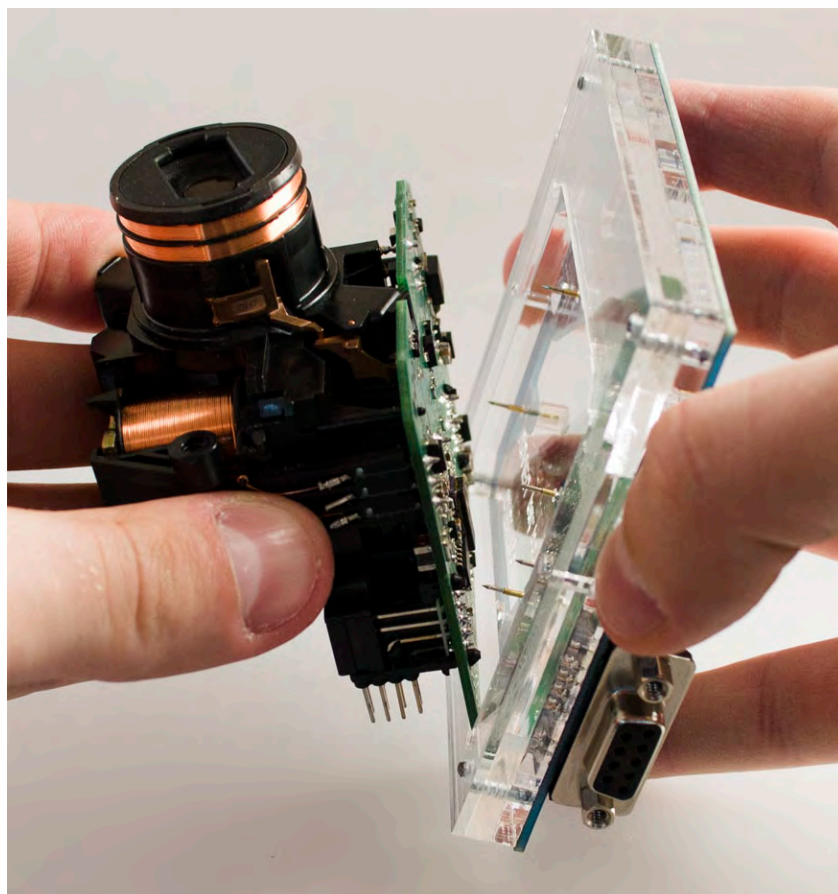


# W209/W211 ZGW

Match the top of the EIS board with top of Click'n Go adapter.

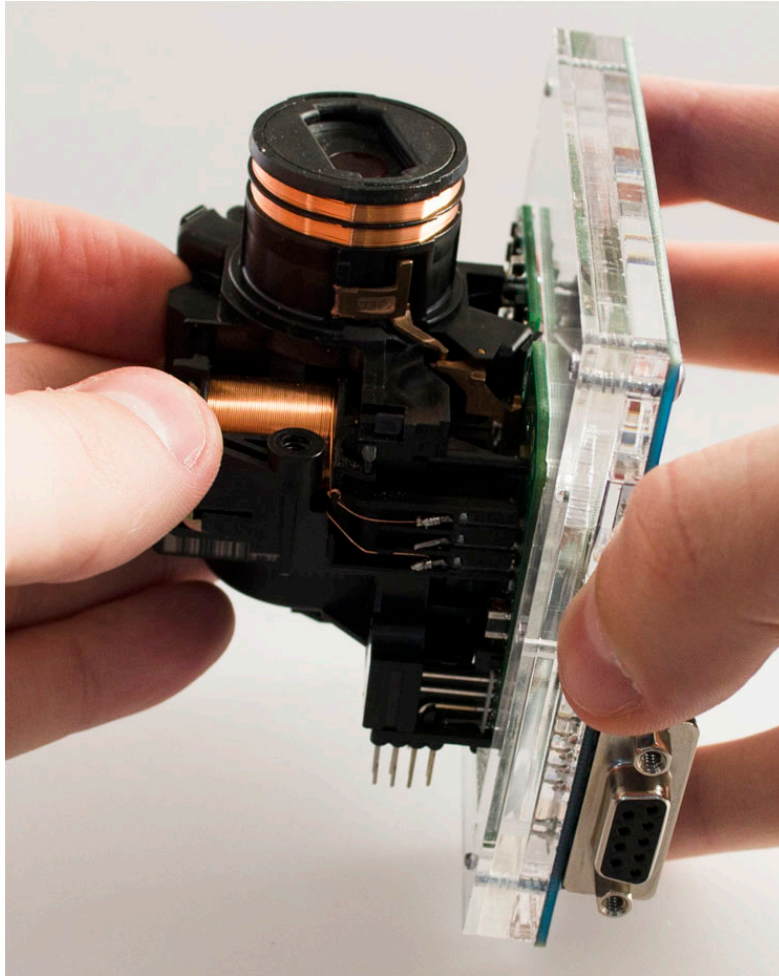


Carefully put the bottom of EIS into Click'n Go adapter.

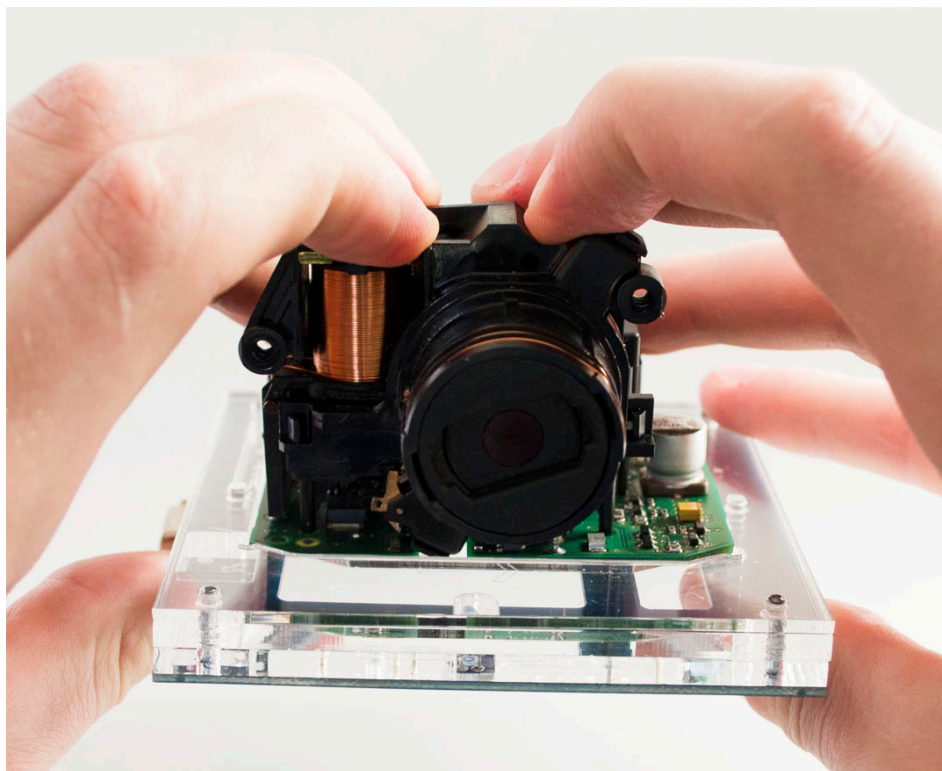


# W209/W211 ZGW

**Mount the EIS board on the Click'n Go Adapter.**

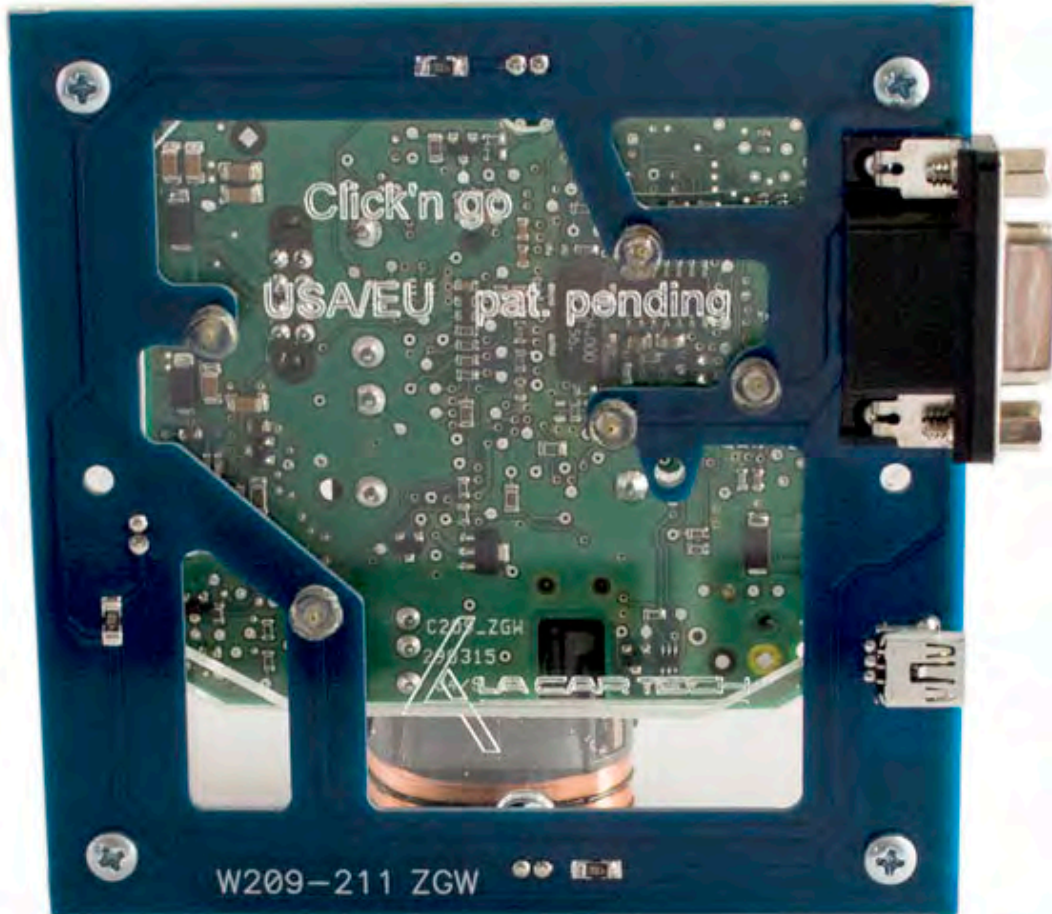


**Carefully push down the EIS on to Click'n Go adapter.**

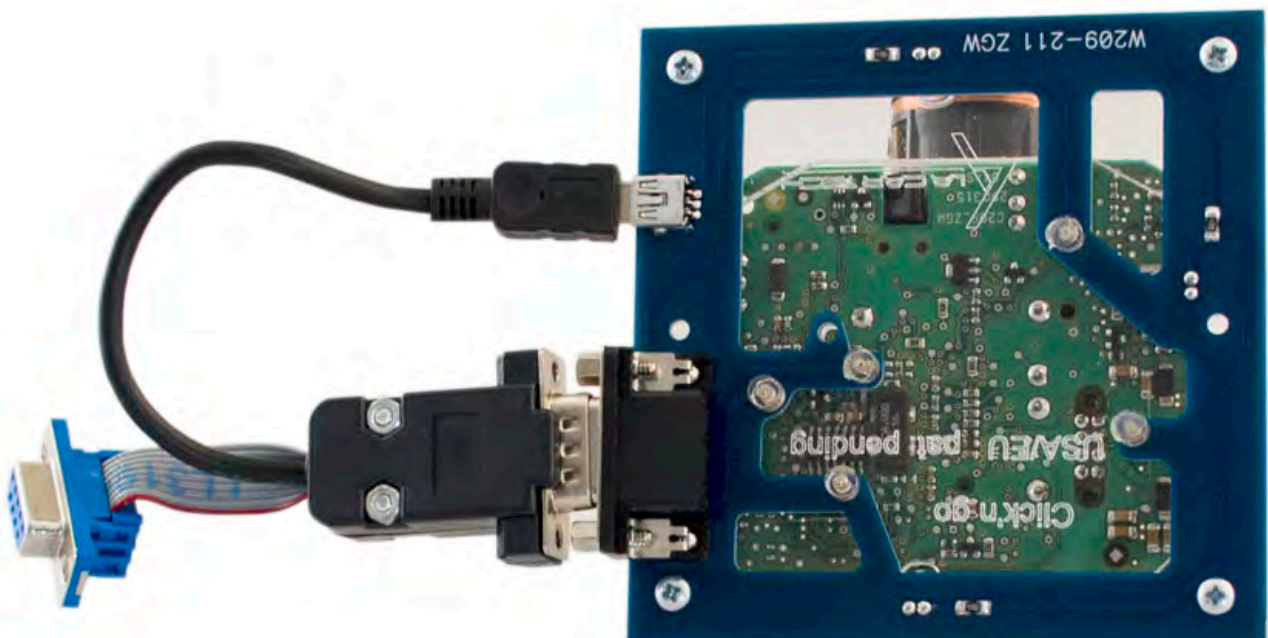


# W209/W211 ZGW

Make sure that Click'n Go adapter is mounted correctly on the EIS.



Connect both cables to Click'n Go to adapter.



# W209/W211 ZGW

Connect MBProg 2 Click'n Go cable to MBProg.  
Connect USB cable to MBProg and PC.



# W209/W211 ZGW

## How to read

- Open MBProg software.
- Check bottom right corner if your device is correctly connected.
- Now click Chip button.

The screenshot shows the MultiProg v1.40.5.6 software interface. The 'CHIP' button in the top toolbar is circled in red. The main window displays a memory dump table with addresses from 0x00 to 0xF0 and data values mostly 'FF'. The 'Programmer Information' panel in the bottom right corner is also circled in red, showing details for the connected device.

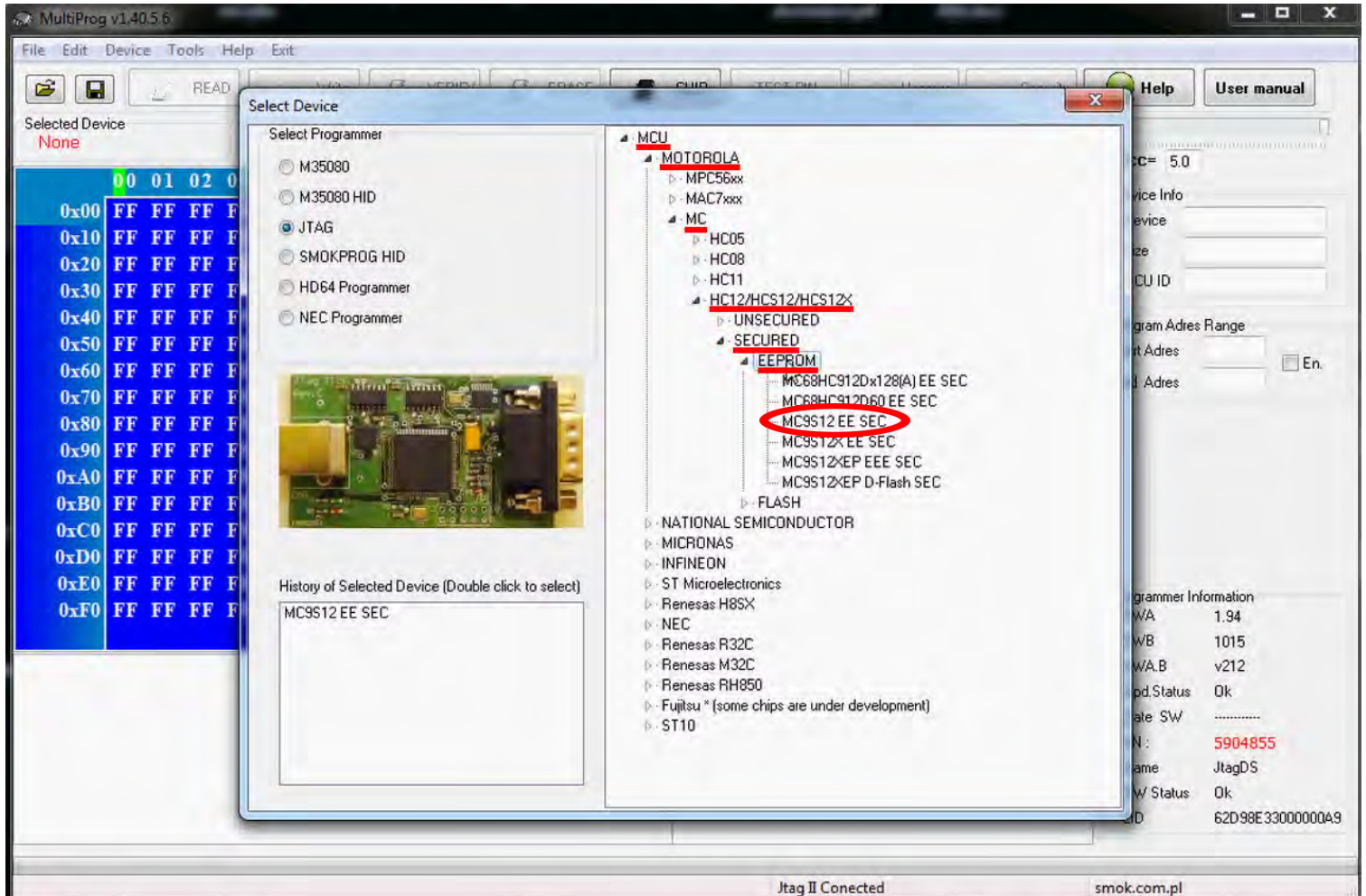
00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	0123456789ABCDEF
0x00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x10	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x20	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x30	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x40	FF	FF	FF	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	.....
0x60	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x70	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x80	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x90	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0xA0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0xB0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0xC0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0xD0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0xE0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0xF0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....

**Programmer Information**

SWA	1.94
SWB	1015
SWA.B	v212
Upd.Status	Ok
Date SW	.....
SN :	5904855
Name	JtagDS
HW Status	Ok
LID	62D98E33000000A

# W209/W211 ZGW

Make sure that JTAG is selected in programmer software.  
Select MOTOROLA > MC > HC12/HCS12/HCS12X > SECURED > EEPROM  
and double click on MC9S12 EE SEC option as seen in the red circle.







# W209/W211 ZGW

The EIS reading process is done.  
If you can see VIN# it has been read correctly.

MultiProg v1.40.5.6

File Edit Device Tools Help Exit

READ Write VERIFY ERASE CHIP TEST PIN Usecure Security Help User manual

Selected Device: MC9S12 EE SEC

Address	Hex	ASCII
0x000	00 5A FF FF 27 04 FF FF 10 70 FF FF 6E 00 FF FF	Z...p...B...
0x010	05 08 FF FF 11 FF FF FF FF FF FF FF 0F FF FF FF	...
0x020	01 FF FF FF 00 00 FF FF 00 02 FF FF 00 00 FF FF	...
0x030	00 00 FF FF 00 00 FF FF 11 B6 FF FF 00 11 FF FF	...
0x040	B6 00 FF FF 11 B6 FF FF 00 FF FF FF A4 AA FF FF	...
0x050	17 00 FF FF 00 00 FF FF 00 FF FF FF 57 44 FF FF	...WD...
0x060	42 52 FF FF 46 39 FF FF 32 48 FF FF 58 36 FF FF	BR...F9...2H...X6...
0x070	46 37 FF FF 35 35 FF FF 37 37 FF FF 32 FF FF FF	F7...55...77...2...
0x080	02 FF FF FF 0F FF FF FF 00 FF FF FF 01 12 FF FF	...
0x090	00 FF FF FF 01 FF FF FF 00 FF FF FF 03 FF FF FF	...
0x0A0	00 FF FF FF 00 64 FF FF FF FF FF FF FF FF FF FF	...d...
0x0B0	FF FF FF FF FF FF FF FF 11 00 FF FF 24 06 FF FF	...S...
0x0C0	05 9A FF FF 18 31 FF FF 01 90 FF FF 00 34 FF FF	...1...4...
0x0D0	10 72 FF FF 1F AD FF FF 00 00 FF FF 00 00 FF FF	...26...*
0x0E0	00 10 FF FF 32 65 FF FF 14 FF FF FF FF FF FF FF	...
0x0F0	00 FF FF FF 00 FF FF FF FF FF FF FF FF FF FF	...
0x100	8F FF FF FF 00 FF FF FF 86 9E FF FF 4B CB FF FF	...K...

Read EE MC9S12EE SEC  
Read ID MCU ok  
MCU ID :0114  
Memory Config:1380  
Unsecuring...  
f=136, t1=178, t2=14  
Unsecure Ok  
Reading EE MC9S12 Secured...  
Read OK  
Saved backup File : C:\Users\PatrykMBE\Documents\Temp\Temp13.bin

Device Info  
Vcc= 5.0  
Device: 9s12DG128  
Size: 2048  
MCU ID: 0114

Program Adres Range  
Start Adres: 000000  
End Adres: 0007FF

Programmer Information  
SWA: 1.94  
SWB: 1015  
SWA.B: v212  
Upd.Status: Ok  
Date SW: .....  
SN: 5904855  
Name: JtagDS  
HW Status: Ok  
LID: 62D98E33000000A9

Read OK Jtag II Connected smok.com.pl



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