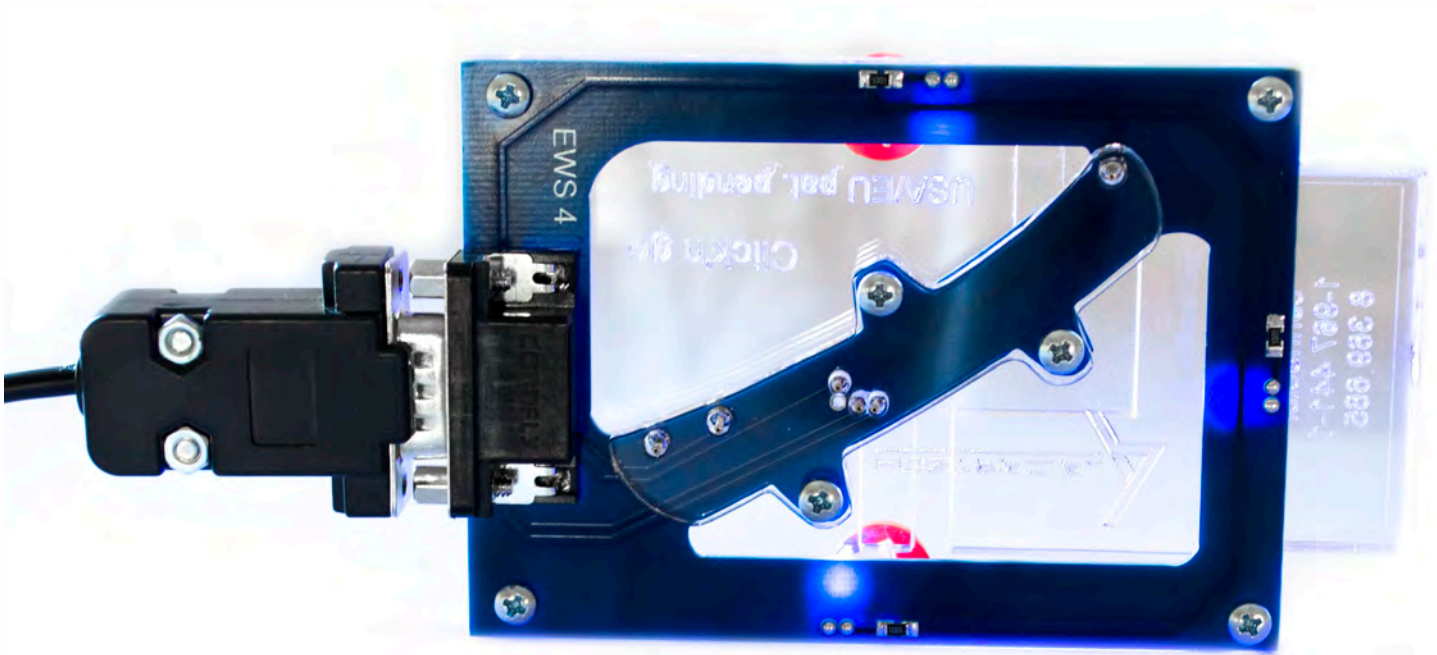


Click'n Go



EWS4 Click'n Go Adapter

Works with MBProg Programmer. No soldering required.
All EWS4 modules with 9S12 Motorola processor.

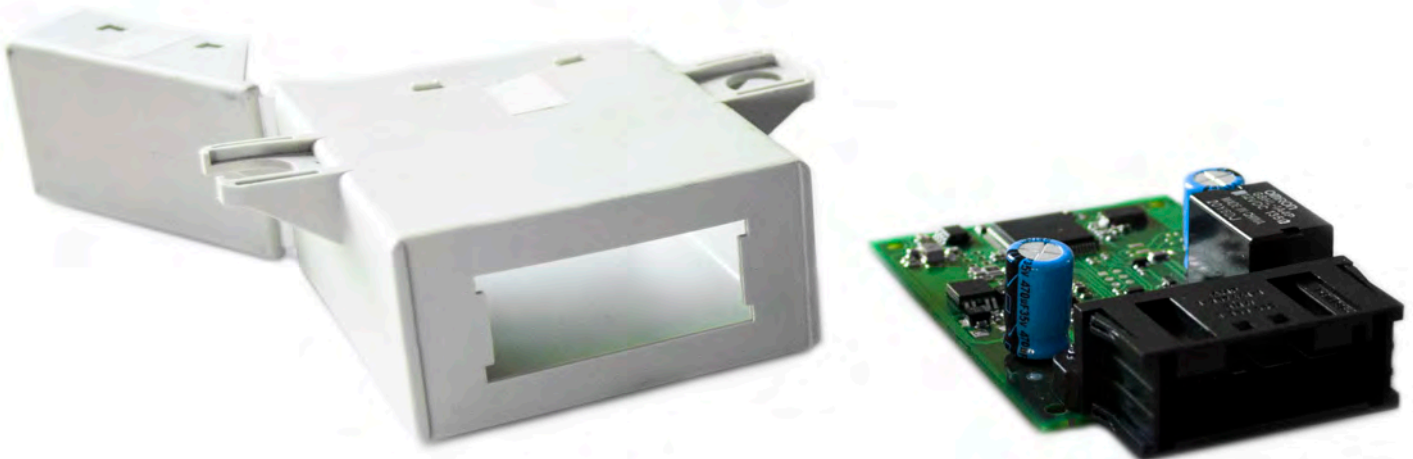
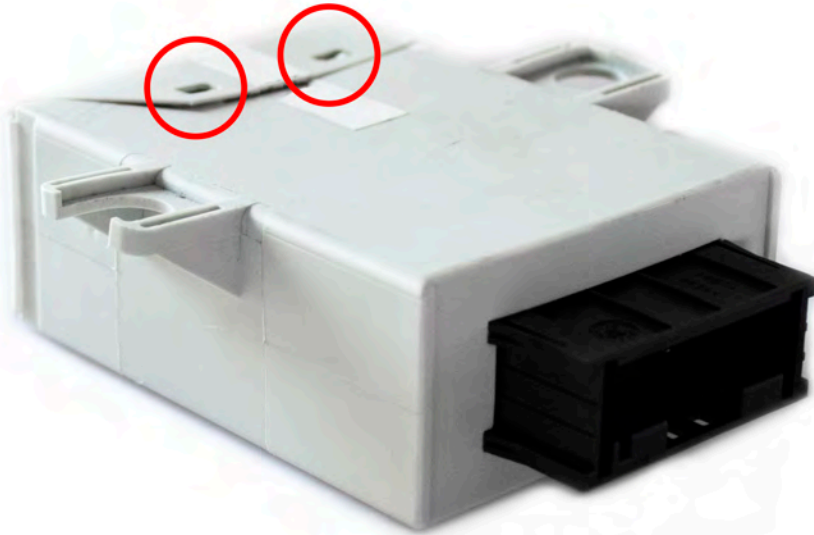


EWS4



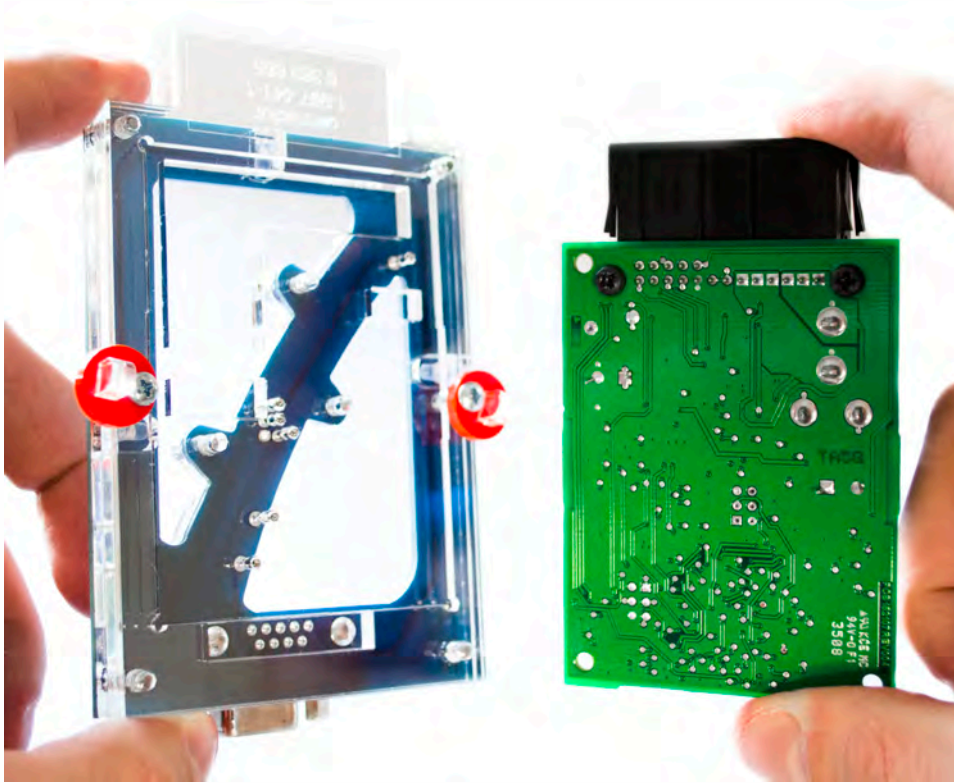
How to connect

Carefully open by pushing in the EWS back body tabs.

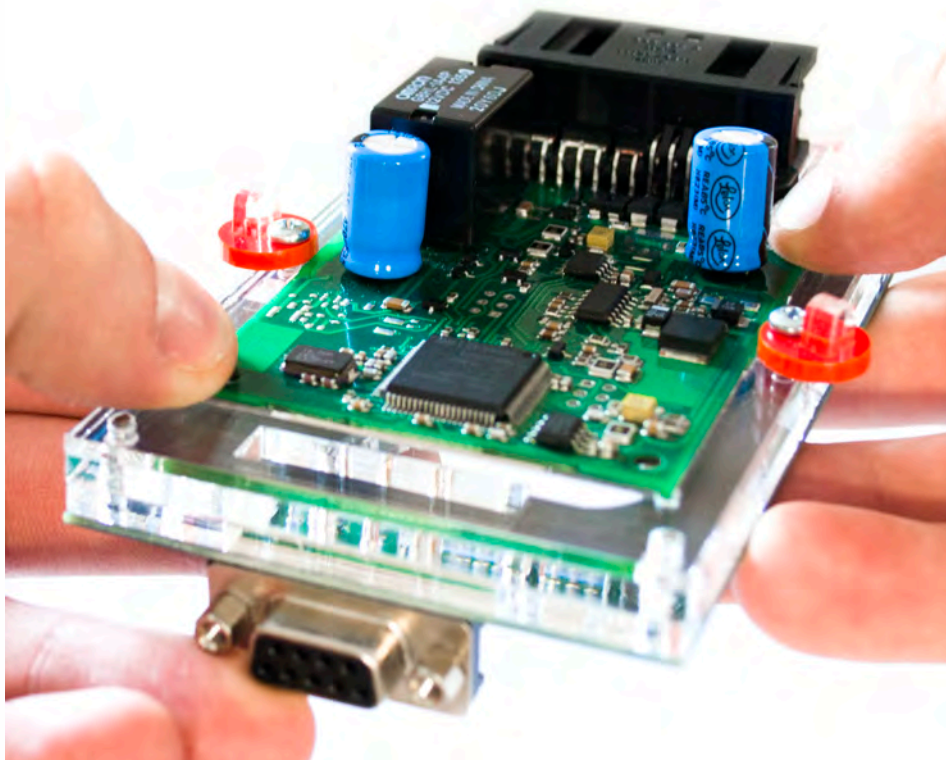


EWS4

Match EWS4 board top with Click'n Go adapter top.
Connector must go over the "Connector" text.

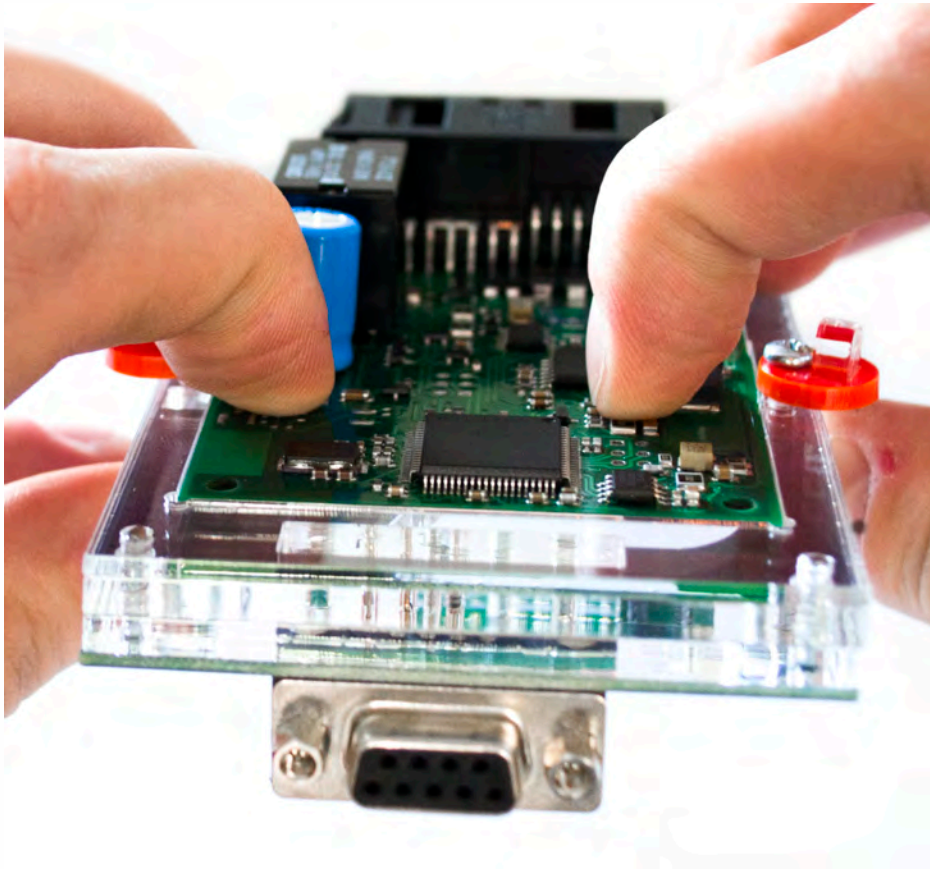


Mount EWS4 on the Click'n Go adapter.

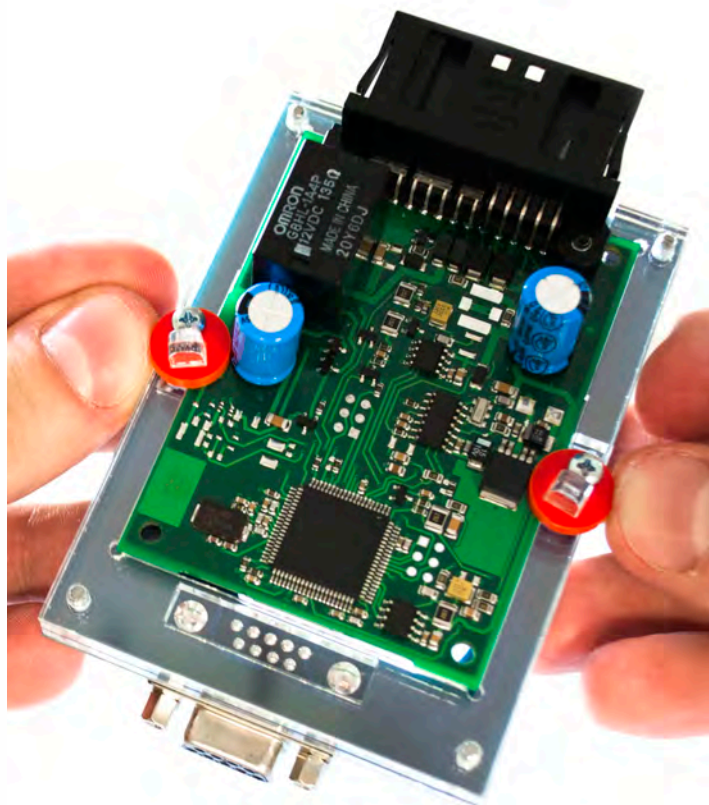


EWS4

Push down EWS4 on to Click'n Go adapter.

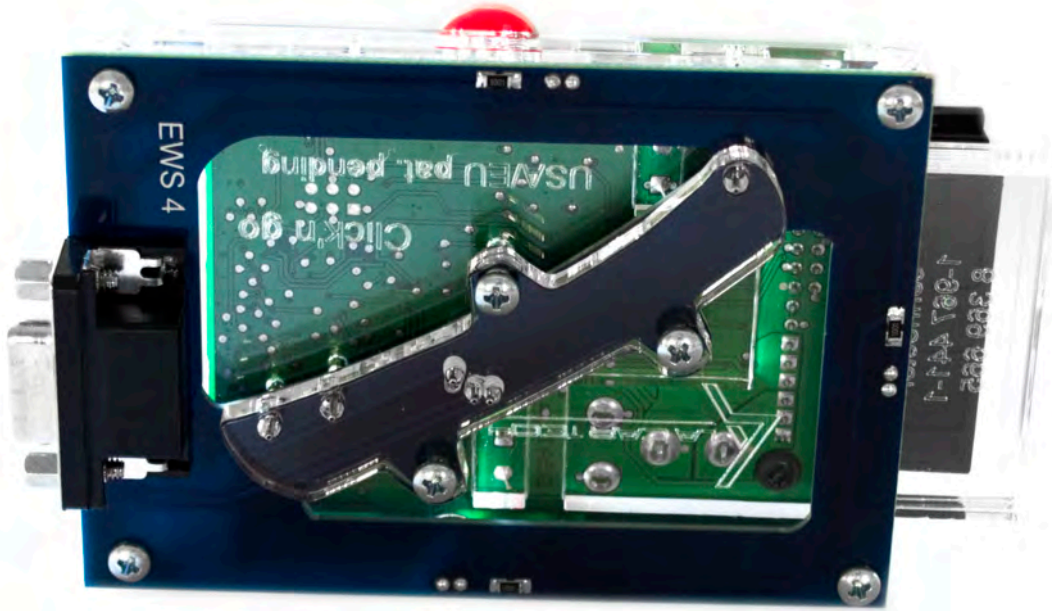


Secure EWS4 with the safety locks by turning them over the board.



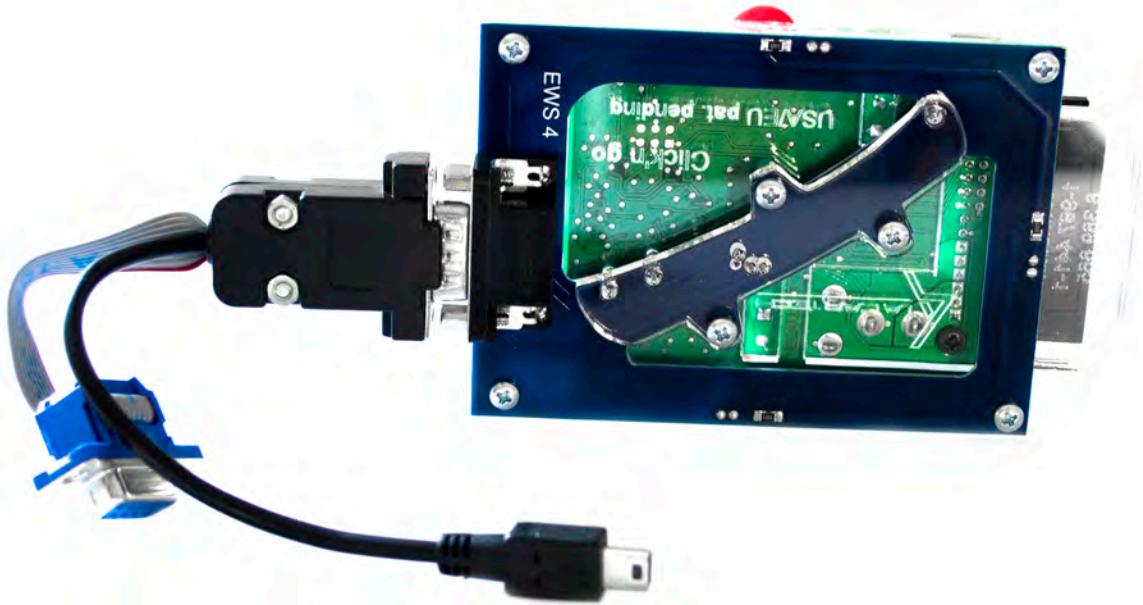
EWS4

Make sure that Click'n Go adapter is mounted correctly on the EWS4.

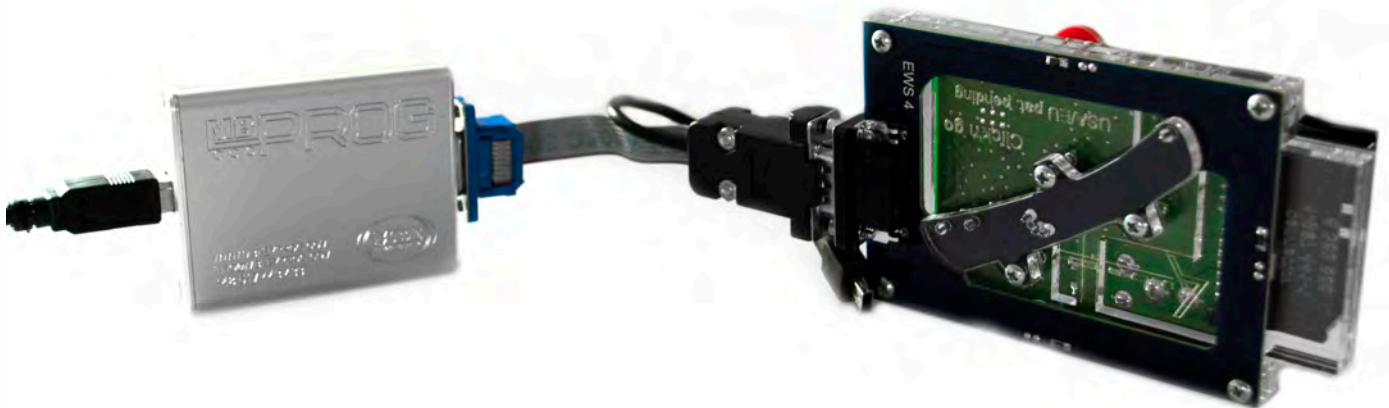


EWS4

Connect MBProg 2 Click'n Go cable to Click'n Go adapter.



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



EWS4

How to read

Open MBProg software.

Check bottom right corner if your device is correctly connected.

Now click Chip button.

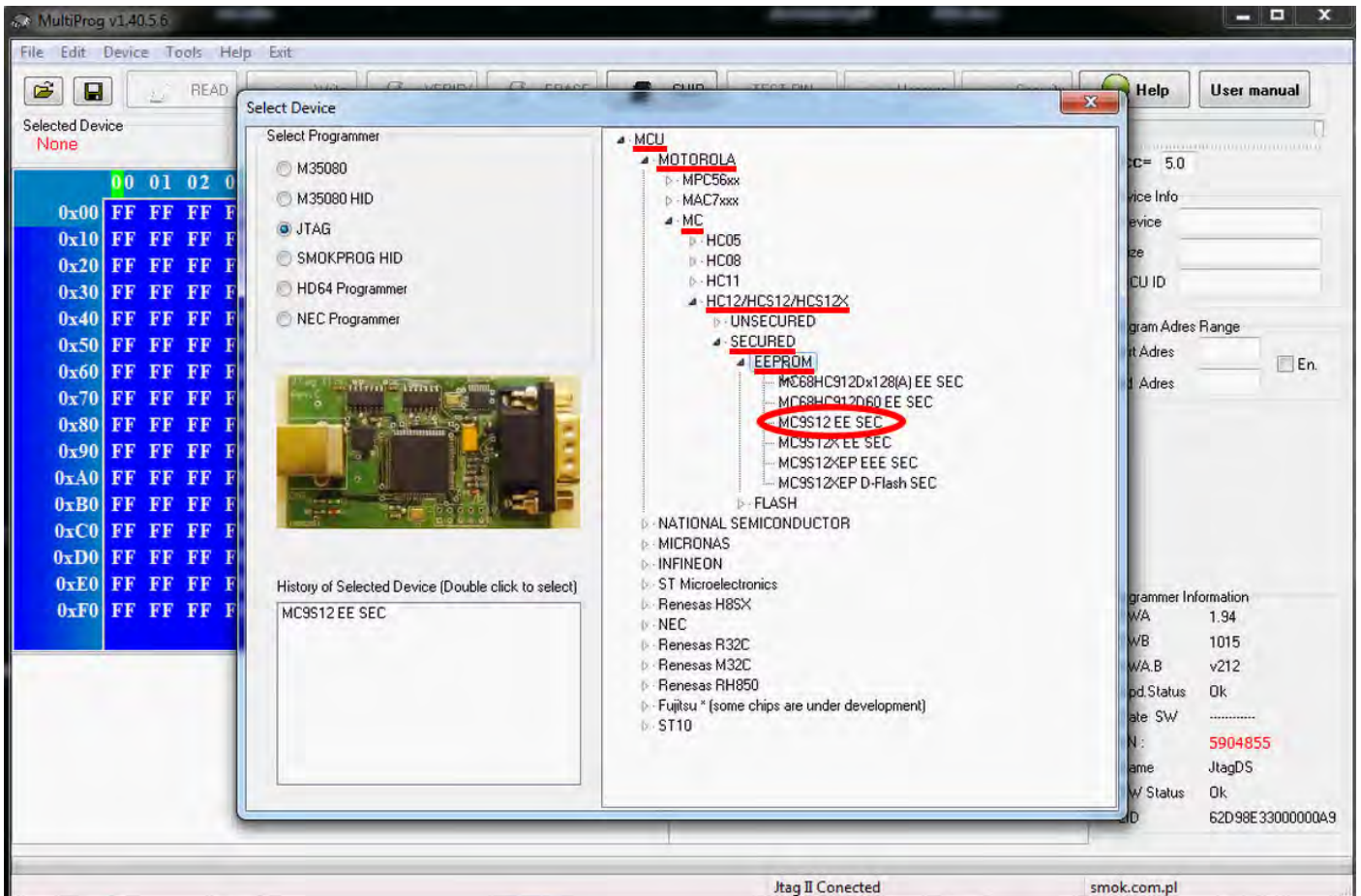
The screenshot shows the MultiProg v1.40.5.6 software interface. The 'CHIP' button in the toolbar is circled in red. The main window displays a memory dump with addresses from 0x00 to 0xF0 and data values of FF. The bottom right corner, enclosed in a red box, shows the 'Programmer Information' section with the following details:

Programmer Information	
SWA	1.34
SWB	1015
SWA.B	v212
Upd.Status	Ok
Date SW
SN :	5904855
Name	.JtagDS
HW Status	Ok
LID	62D98E3300000A9

At the bottom of the window, the status bar indicates 'Jtag II Conected' and the website 'smok.com.pl'.

EWS4

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.



EWS4

EWS reading process is done.

MultiProg v1.40.5.7

File Edit Device Tools Help Exit

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

Selected Device: MC9S12 EE SEC

Address	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	01	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0x000	A5	01	FF	FF	AA	00	00	00	09	14	53	50	07	81	81	07	[Red Box]														
0x010	43	08	76	01	FD	0B	01	0A	0A	01	00	00	01	00	00	00	[Red Box]														
0x020	CD	B2	6D	1D	AA	19	99	10	E1	01	00	00	B2	F2	FF	86	[Red Box]														
0x030	E9	2E	1D	21	E3	01	00	00	03	54	FD	3E	AB	EC	26	D9	[Red Box]														
0x040	C1	01	00	00	6D	EA	B6	3F	2F	14	8A	38	00	01	00	00	[Red Box]														
0x050	75	D7	60	C2	B1	74	B0	E1	00	01	00	00	3E	DF	9D	D3	[Red Box]														
0x060	BA	10	54	17	00	01	00	00	88	F5	B6	81	85	19	D5	A0	[Red Box]														
0x070	00	01	00	00	00	20	35	3B	C2	28	26	8D	00	01	00	00	[Red Box]														
0x080	7D	69	FA	E2	BF	3A	3C	D2	00	01	00	00	B1	DD	11	9A	[Red Box]														
0x090	94	D6	0A	4D	00	01	00	00	E9	37	73	4A	F6	27	01	00	[Red Box]														
0x0A0	6A	2C	01	00	00	00	00	00	55	E0	00	F8	00	00	00	00	[Red Box]														
0x0B0	30	38	42	32	39	38	31	41	31	35	34	34	37	30	30	30	[Red Box]														
0x0C0	30	01	00	00	00	00	00	00	00	00	00	43	35	34	30	31	[Red Box]														
0x0D0	31	39	37	31	30	32	00	00	C0	ED	78	73	87	BD	B9	1D	[Red Box]														
0x0E0	5C	8A	BF	F2	CA	CD	87	94	3F	12	87	8C	78	42	46	E2	[Red Box]														
0x0F0	A3	75	40	0D	35	32	78	6B	6A	47	D2	D9	2D	17	13	B7	[Red Box]														
0x100	F6	20	15	58	60	67	2D	3E	FF	00	00	00	00	00	00	55	[Red Box]														

Read EE MC9S12 EE SEC
Read ID MCU ok
MCU ID :0201
Memory Config :1180
Unsecuring...
f=136, t1=23, t2=19
Unsecure Ok
Reading EE MC9S12 Secured...
Read OK
Saved backup File : C:\Users\Asus\Documents\Temp\Temp4.bin

Device Info
Vcc= 5.0
Device: 9s12D64
Size: 1024
MCU ID: 0201

Program Adres Range
Start Adres: 000000
End Adres: 0003FF

Programmer Information
SWA: 1.95
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