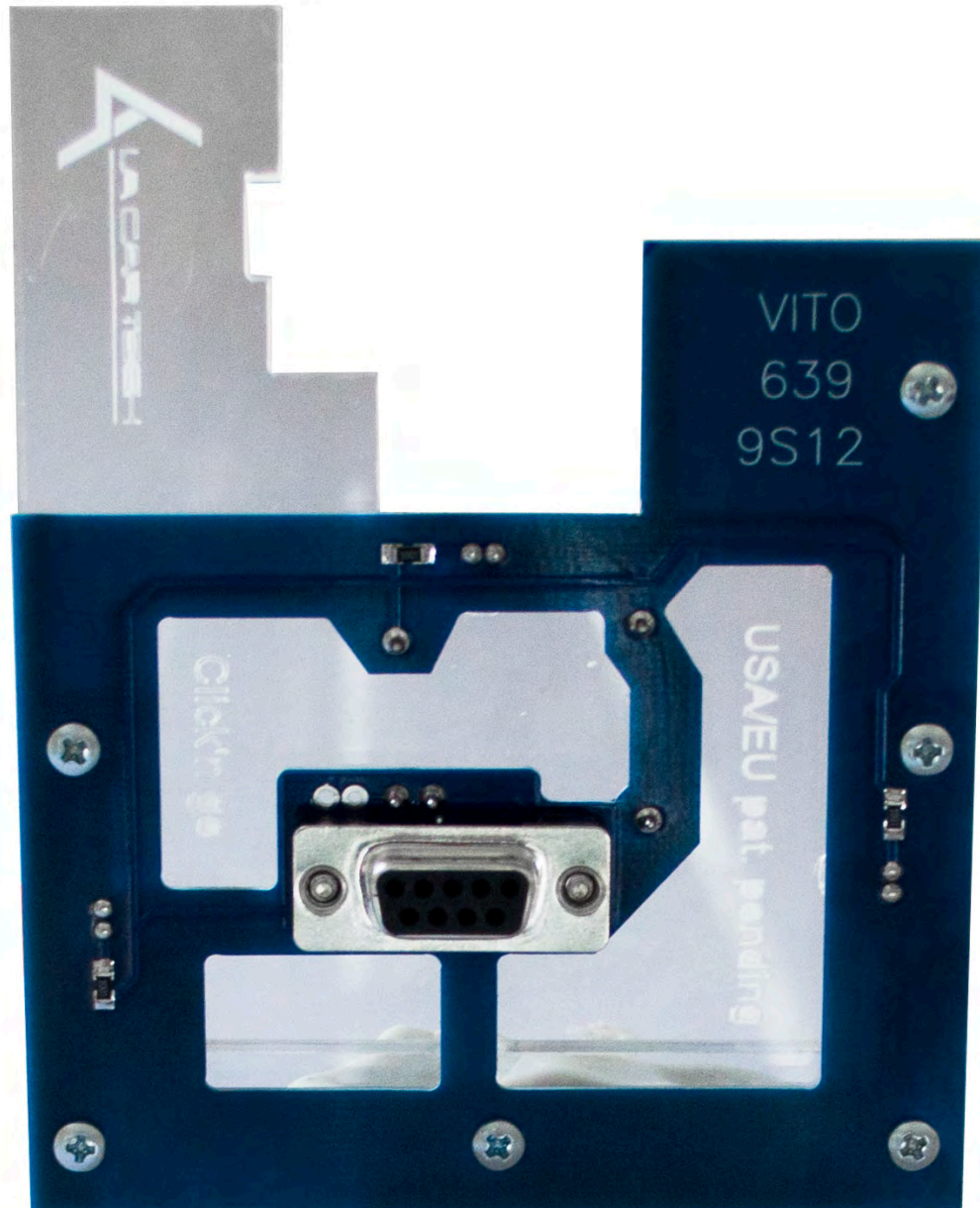


Click'n Go

W639 (9S12) Vito/Viano Click'n Go Adapter
Works with MBProg Programmer. No soldering required.



www.mbkeyprog.com



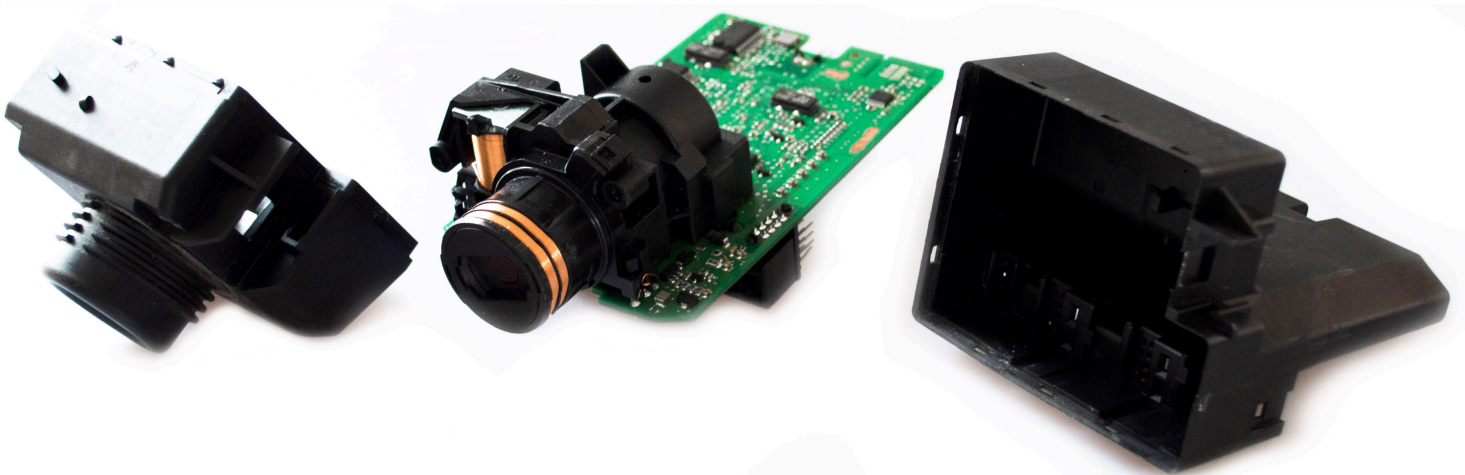
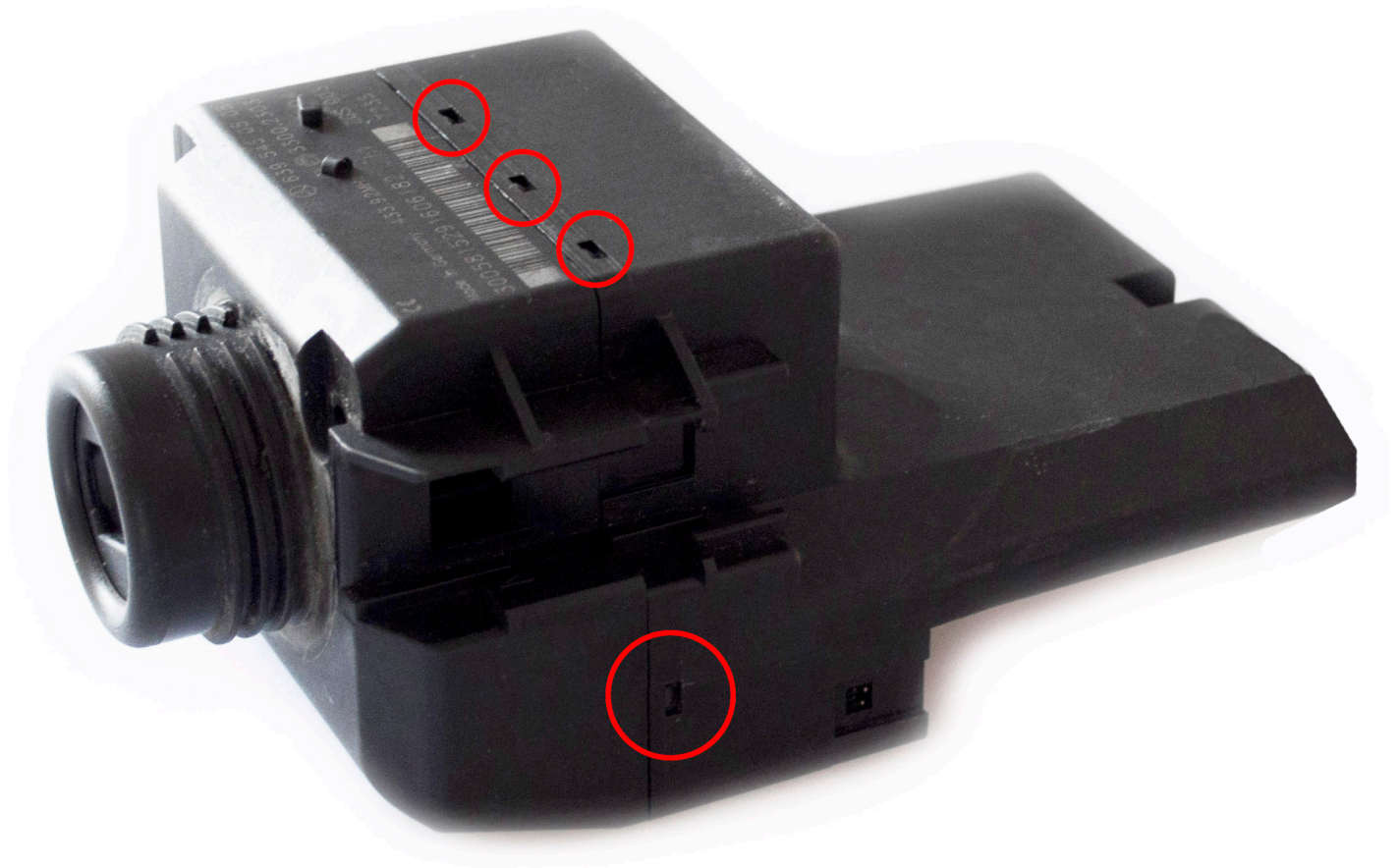
+48 517 443 433
+48 22 724 99 96
info@mbkeyprog.com

W639 (9S12) Vito/Viano



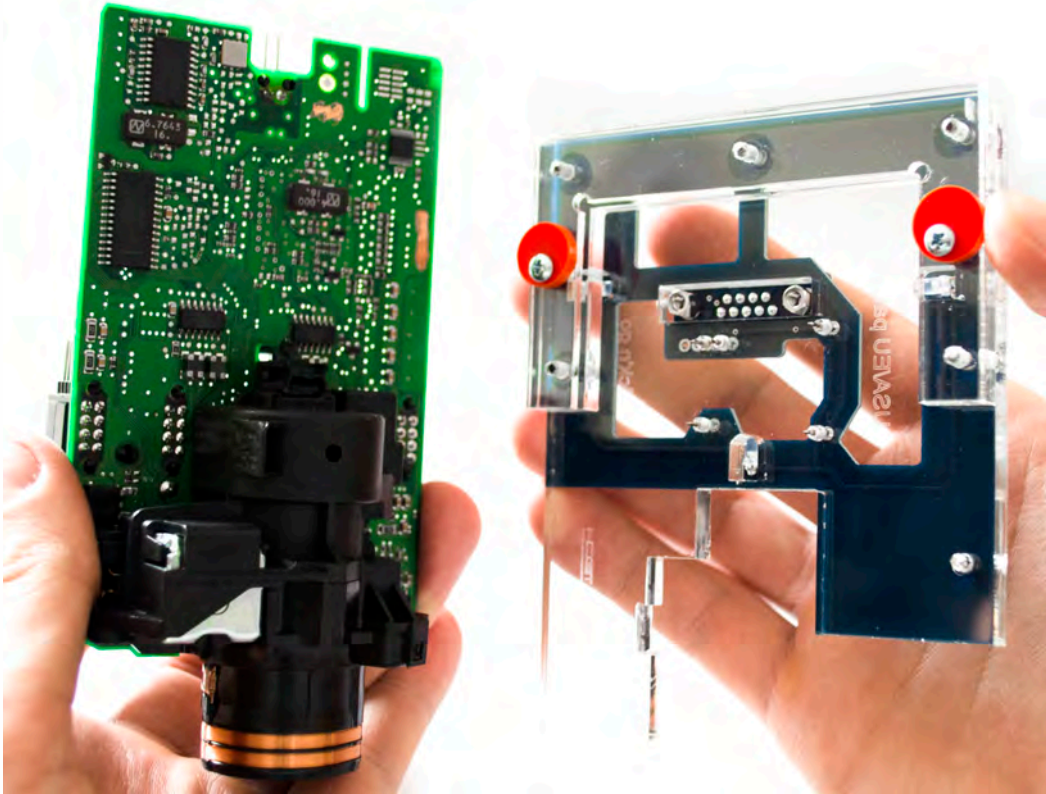
How to connect

Carefully open by pushing in the EIS back body tabs.

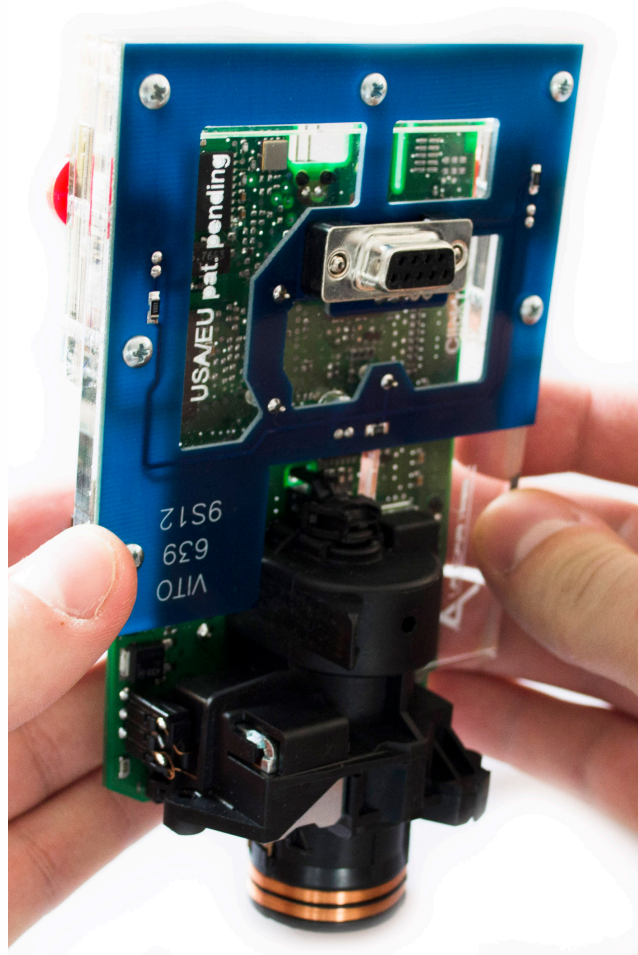


W639 (9S12) Vito/Viano

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

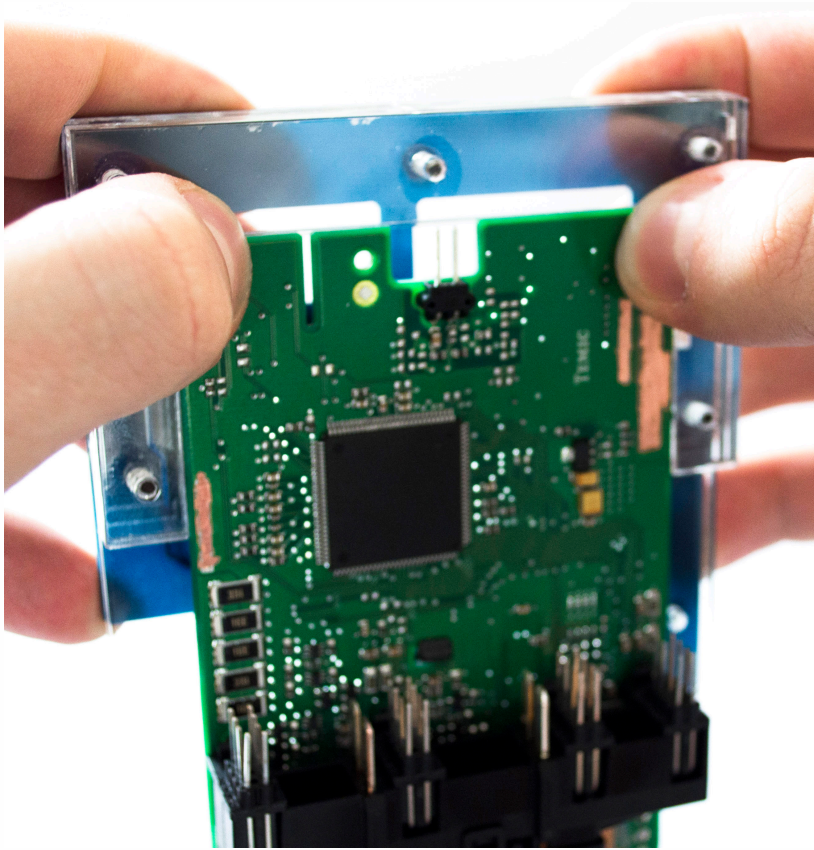


Mount the EIS board on the Click'n Go Adapter.

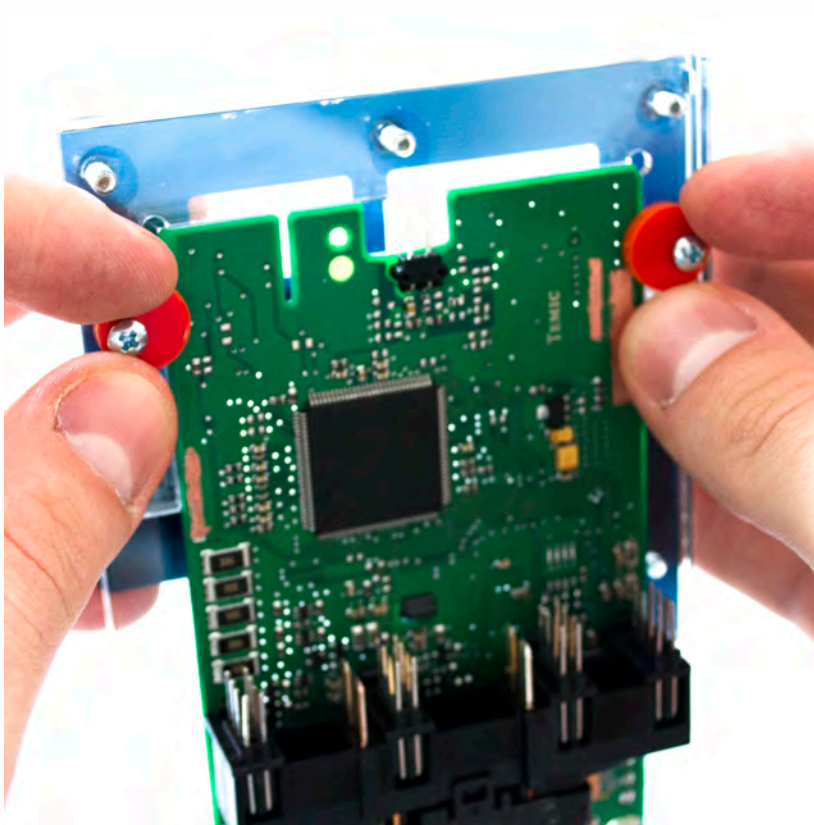


W639 (9S12) Vito/Viano

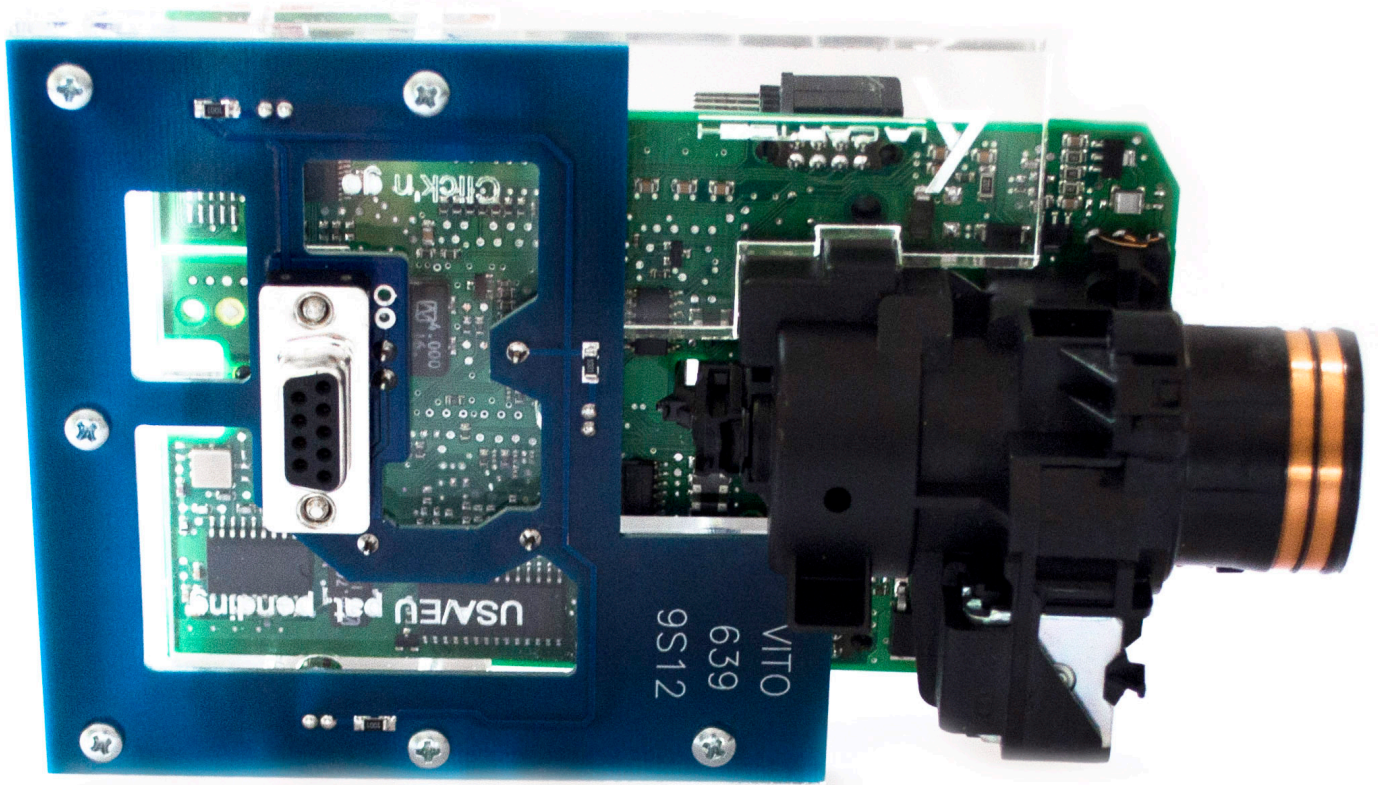
Carefully push down the EIS on to Click'n Go adapter.



Secure the board by turning the locks over the EIS board.

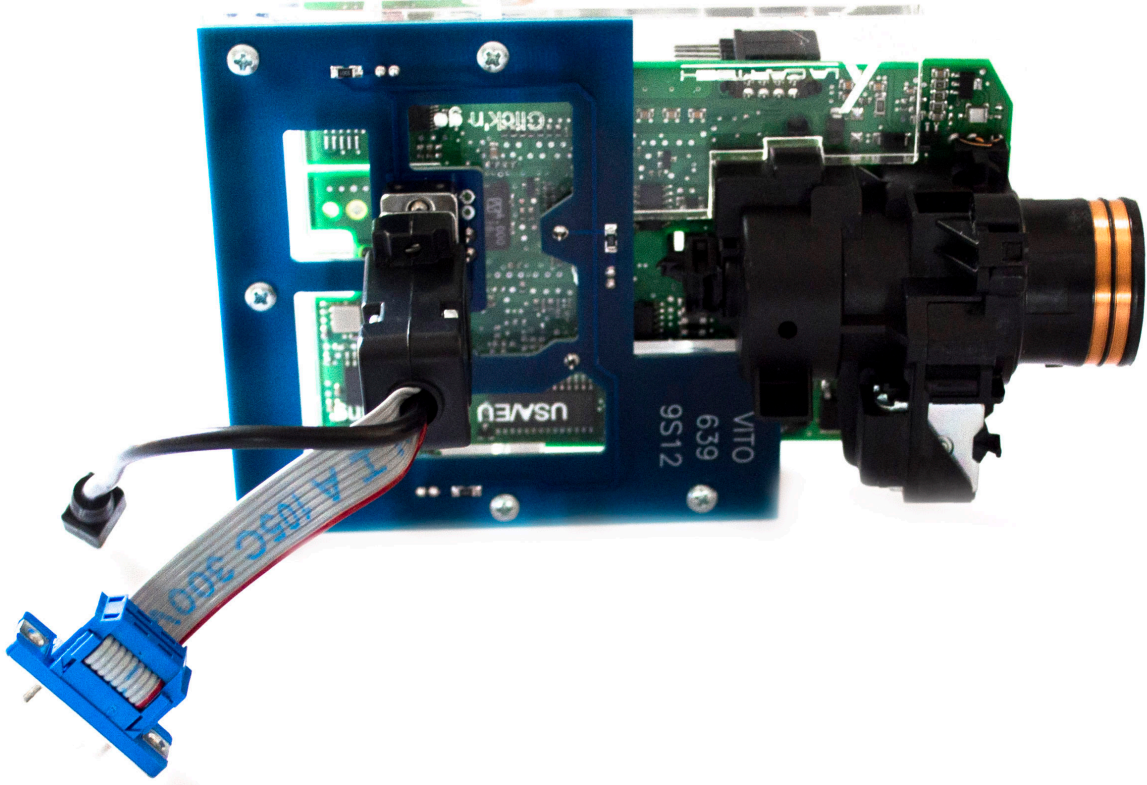


W639 (9S12) Vito/Viano



W639 (9S12) Vito/Viano

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



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



W639 (9S12) Vito/Viano

How to read

Open MBProg software.

Check bottom right corner if your device is correctly connected.

Now click Chip button.

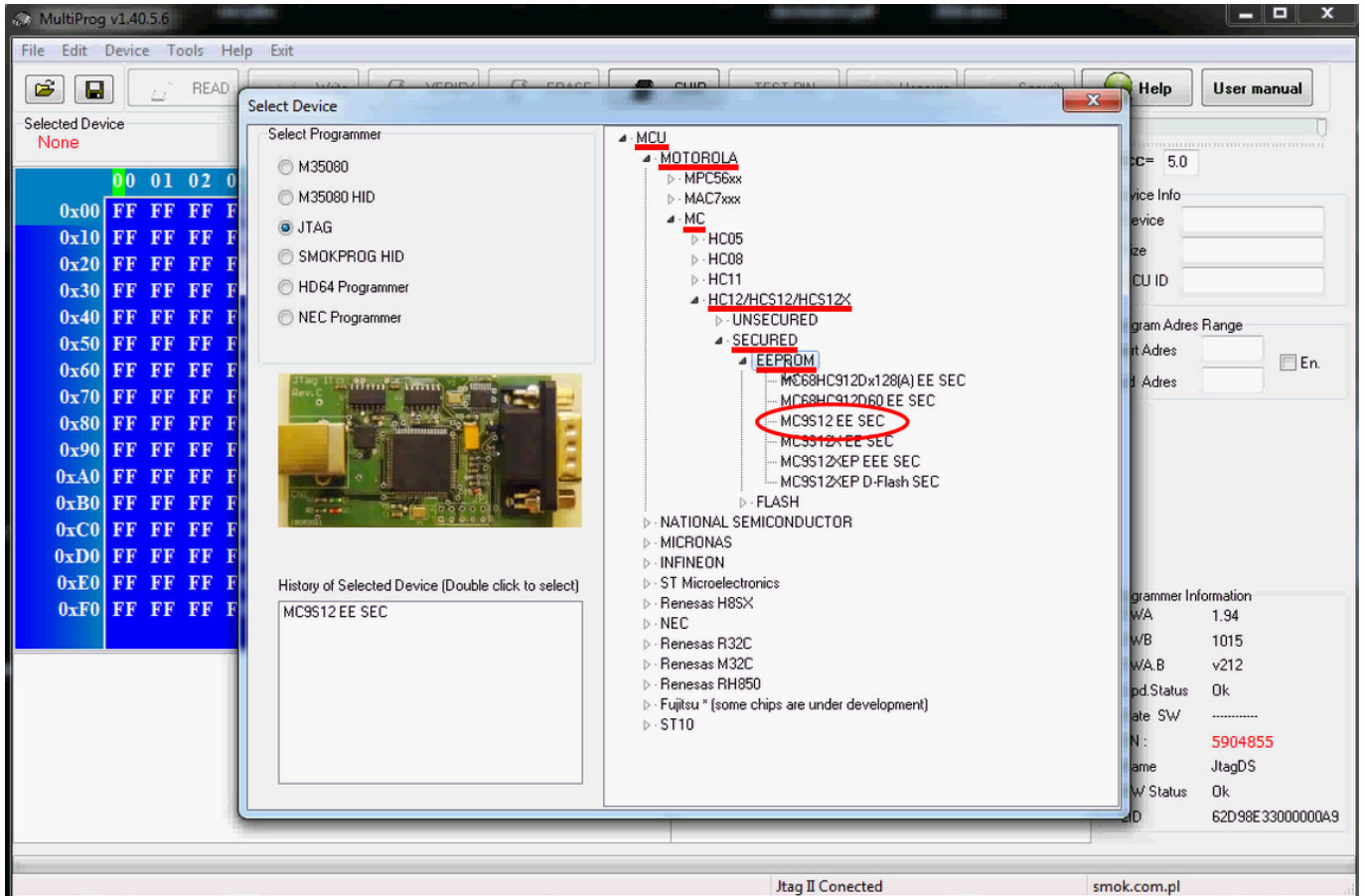
The screenshot shows the MultiProg v1.40.56 software interface. The 'CHIP' button in the top toolbar is circled in red. The main window displays a memory dump with addresses from 0x00 to 0xF0 and hex values, all showing 'FF'. The bottom right corner features a 'Programmer Information' panel, which is highlighted with a red border. This panel displays the following details:

Programmer Information	
SWA	1.94
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 shows 'Jtag II Connected' and 'smok.com.pl'.

W639 (9S12) Vito/Viano

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.



W639 (9S12) Vito/Viano

Now click on Read button.

The screenshot shows the MultiProg v1.40.5.6 software interface. The 'READ' button in the toolbar is circled in red. The main window displays a memory dump for the selected device 'MC9S12 EE SEC'. The memory dump shows addresses from 0x000 to 0x100, with each address followed by 16 hexadecimal values (FF FF FF FF FF FF FF FF FF FF FF FF FF FF FF). The right-hand panel shows device information and programmer settings.

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	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x010	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x020	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x030	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x040	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x050	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x060	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x070	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x080	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x090	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x0A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x0B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x0C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x0D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x0E0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x0F0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	
0x100	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	

Device Info:
Vcc= 5.0
Device:
Size:
MCU ID:

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

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

Jtag II Conected smok.com.pl

Click'n Go

EIS reading process is done.

The screenshot displays the MultiProg v1.40.5.9 software interface. The main window shows a memory dump for the selected device, MC9S12 EE SEC. The dump is organized into columns for hexadecimal addresses (00 to 0F) and hexadecimal characters (0 to F). A red box highlights the column containing hexadecimal characters, which includes the characters 'Z', '1', 'c', '(', 'B', ']', 'W', 'F', '3', '8', '2', '0', '7', '8', '3', and 'O'. The status bar at the bottom indicates 'Read OK' and 'Jtag II Connected'. The right-hand panel shows device information, including Vcc= 5.0, Device: 9s12DG256, Size: 4096, MCU ID: 0033, and Programmer Information such as SWA: 1.94, SWB: 1015, SWA,B: v212, and SN: 5904855.

Address	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F	Character
0x000	00	5A	FF	FF	07	02	FF	FF	49	66	FF	FF	63	01	FF	FF	.Z.....1f.c...
0x010	11	09	FF	FF	28	FF	FF	FF	FF	FF	FF	FF	00	FF	FF	FF(.....
0x020	0B	0F	FF	FF	FF	FF	FF	FF	05	00	FF	FF	1F	00	FF	FF	.....B.....
0x030	02	FF	FF	FF	10	FF	FF	FF	0B	5D	FF	FF	C4	0B	FF	FF].....
0x040	5D	C4	FF	FF	0B	5D	FF	FF	C4	FF	FF	FF	FF	FF	FF	FF].....
0x050	1B	00	FF	FF	00	10	FF	FF	FF	FF	FF	FF	57	44	FF	FF	.....WD.....
0x060	46	36	FF	FF	33	39	FF	FF	38	31	FF	FF	33	31	FF	FF	F6..39..81..31..
0x070	33	38	FF	FF	32	30	FF	FF	37	38	FF	FF	33	FF	FF	FF	38..20..78..3...
0x080	00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x090	00	FF	FF	FF	FF	FF	FF	FF	01	FF	FF	FF	01	FF	FF	FF	.....
0x0A0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x0B0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x0C0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x0D0	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	.....
0x0E0	FF	FF	FF	FF	00	00	FF	FF	00	FF	FF	FF	FF	FF	FF	FF	.....
0x0F0	00	01	FF	FF	02	02	FF	FF	02	02	FF	FF	02	02	FF	FF	.....
0x100	8F	FF	FF	FF	01	FF	FF	FF	B0	B0	FF	FF	D1	4F	FF	FF	.....O.....

Read EE MC9S12 EE SEC
Read ID MCU ok
MCU ID :0033
Memory Config :2581
Unsecuring...
f=136, t1=171, t2=24
Unsecure Ok
Reading EE MC9S12 Secured...
Read OK
Saved backup File : C:\Users\PatrykMBE\Documents\Temp\Temp20.bin

Read OK Jtag II Connected smok.com.pl



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