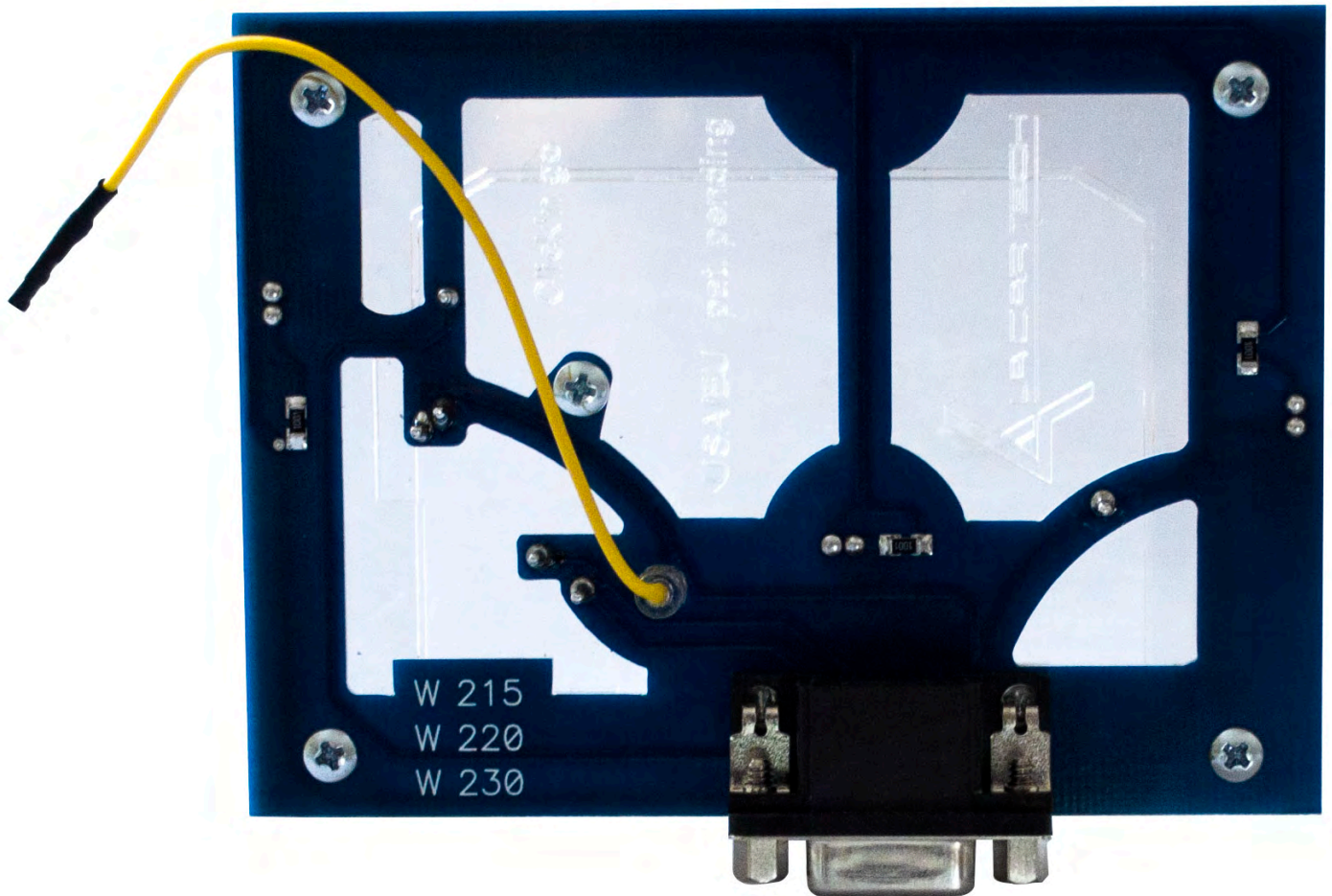


# Click'n Go



## W215 W220 W230 Click'n Go Adapter

Works with MBProg Programmer. No soldering required.



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



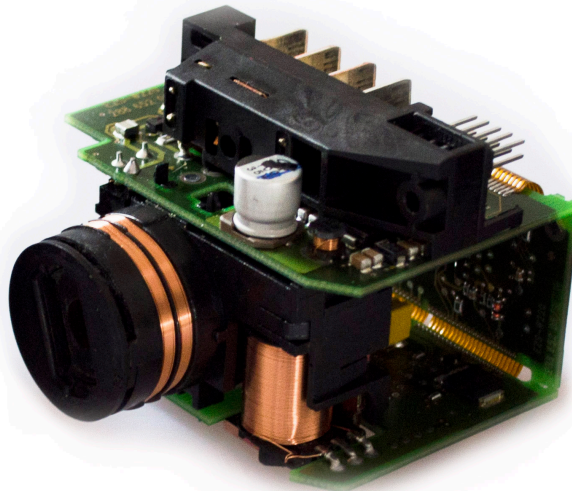
+48 517 443 433  
+48 22 724 99 96  
[info@mbkeyprog.com](mailto:info@mbkeyprog.com)

W215 W220 W230 (908)



### How to connect

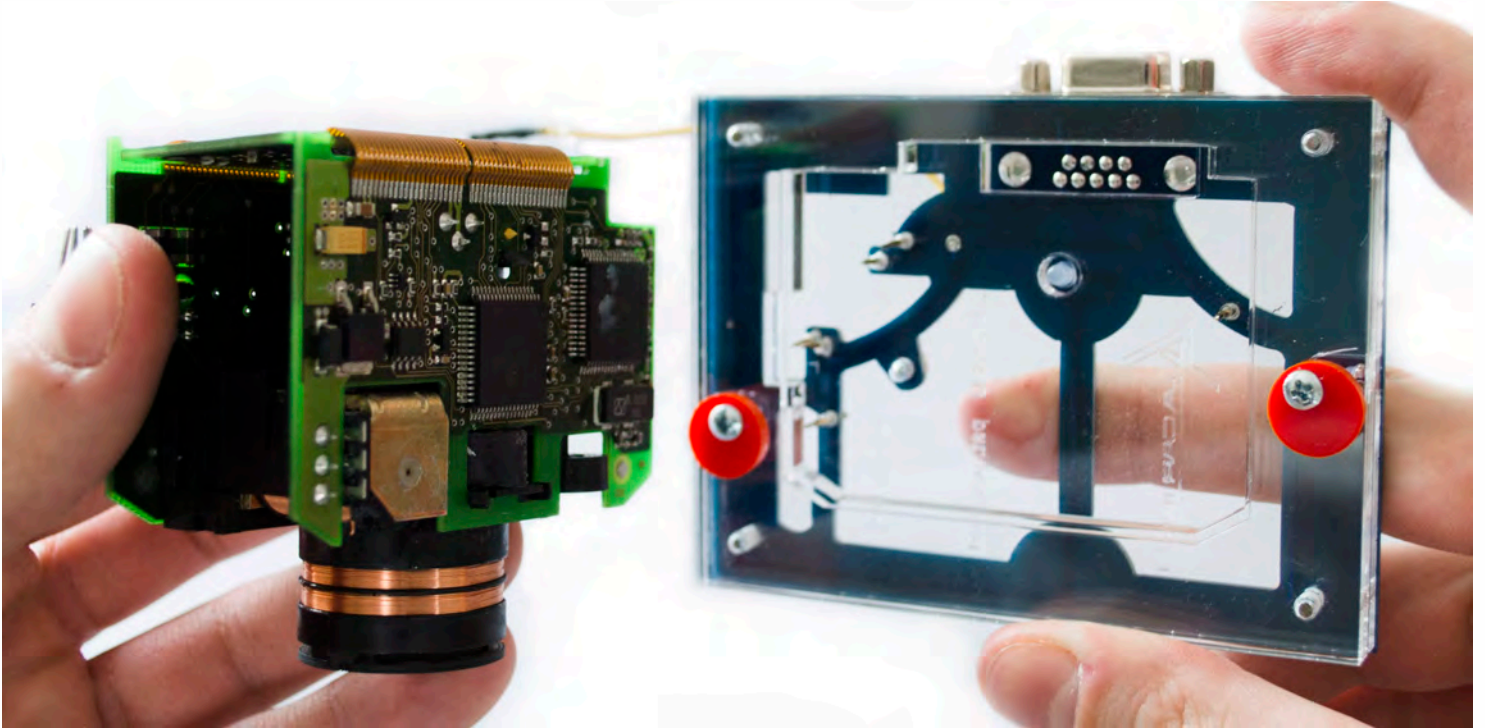
Carefully open by pushing in the EIS back body tabs.





W215 W220 W230 (908)

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

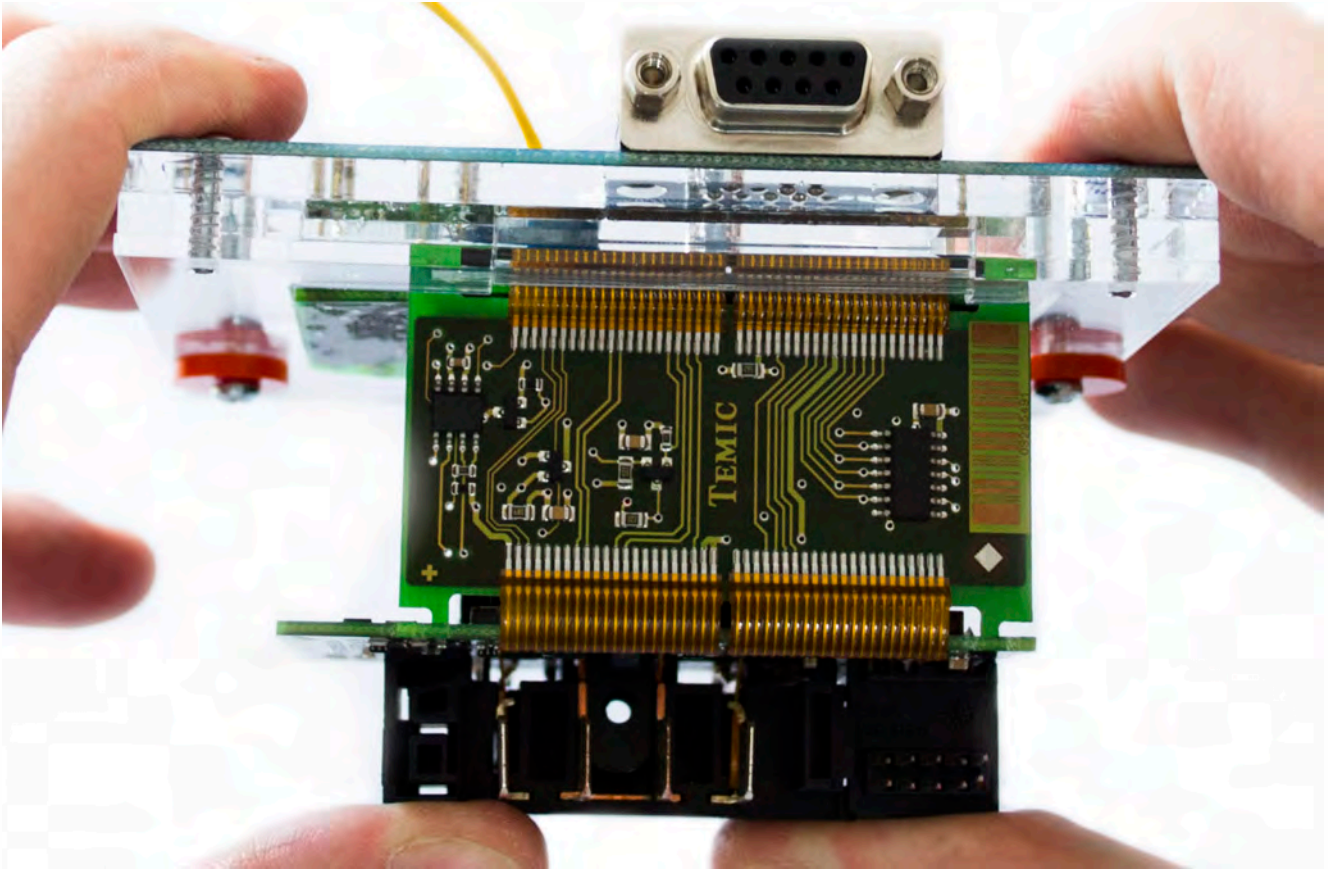


Mount the EIS board on the Click'n Go Adapter.

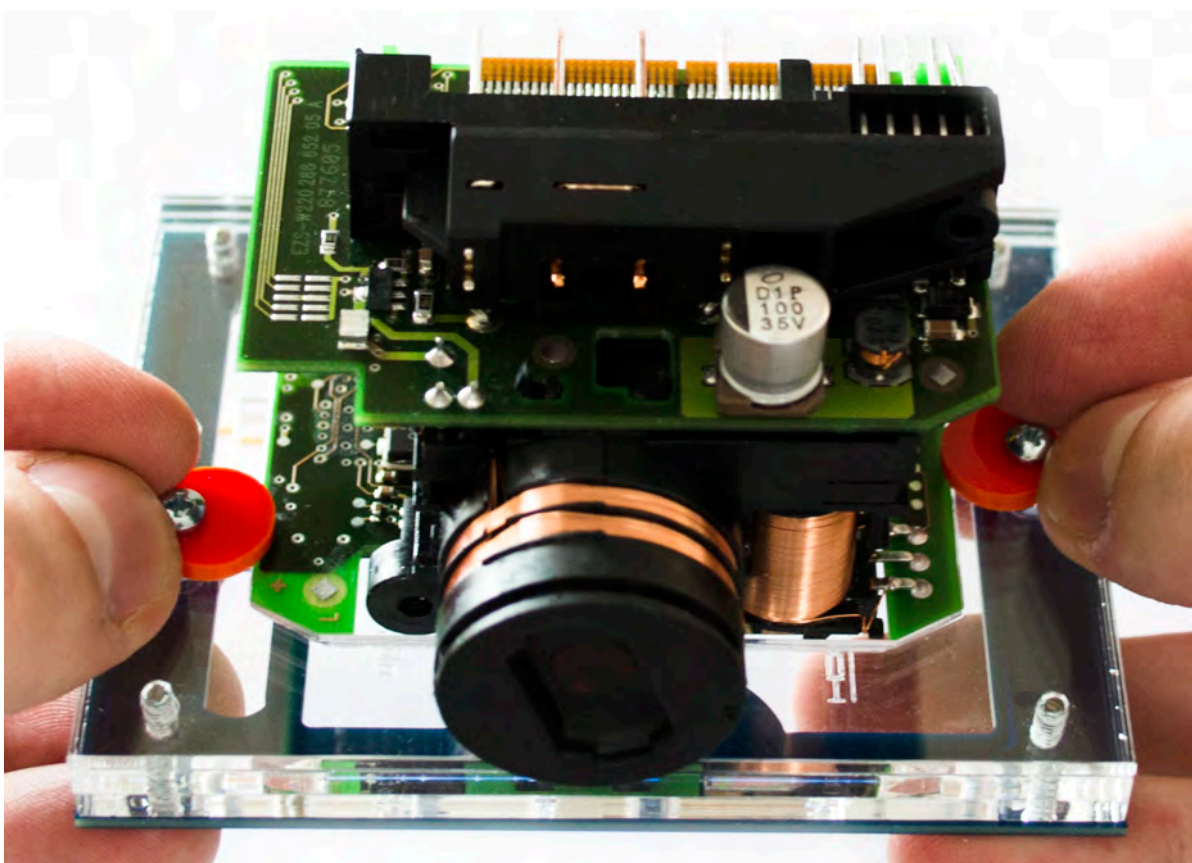


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Carefully push down the EIS on to Click'n Go adapter.



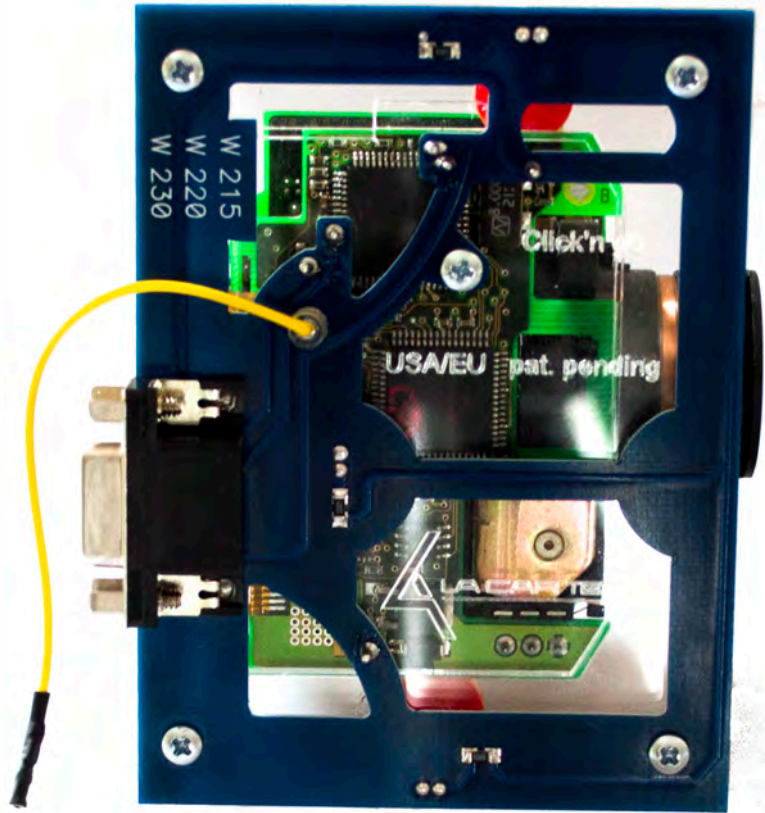
Secure the board by turning the locks over the EIS board.



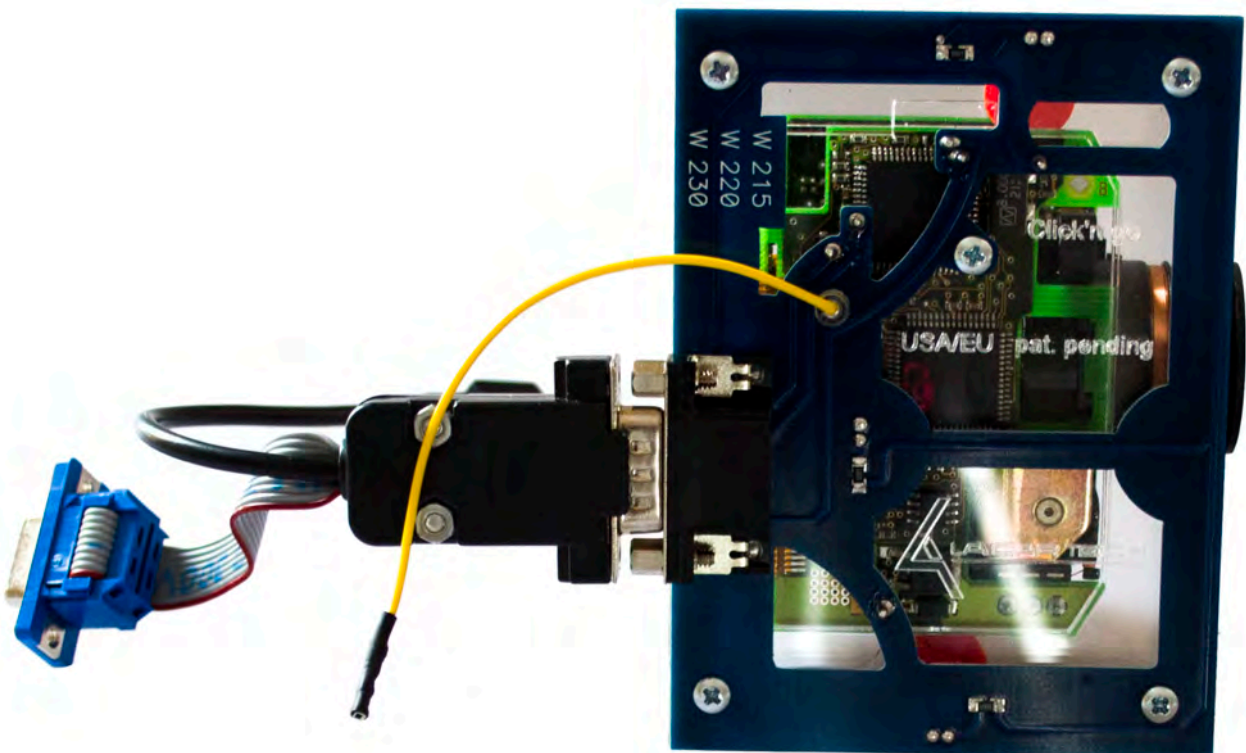


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Make sure that EIS is mounted correctly.



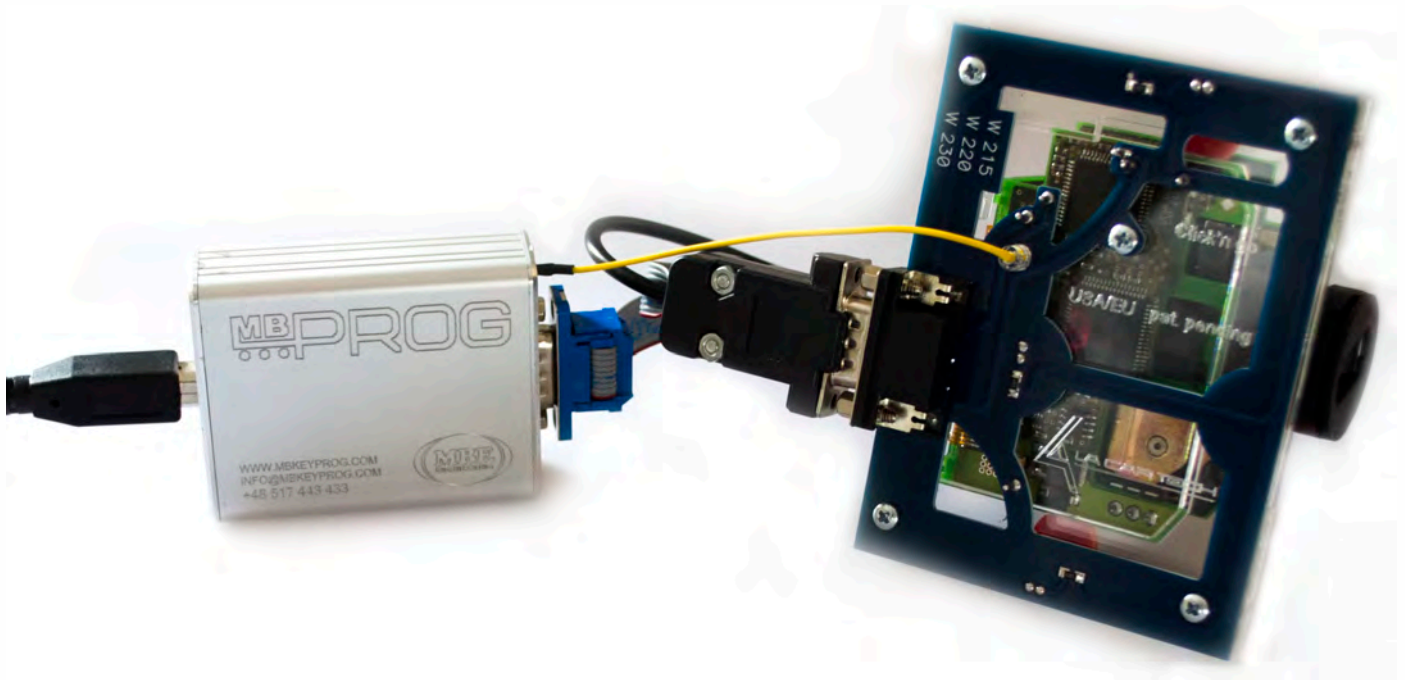
Connect Click'n Go cable to Click'n Go adapter.



**W215 W220 W230 (908)**

**Plug yellow power cable in to MBProg.**

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



# W215 W220 W230 (908)



## How to read

Open MBProg software.

Check bottom right corner if your device is correctly connected.

Now click Chip button.

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: None

|      | 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 | FF | .....            |
| 0x10 | FF | 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 | 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 | FF | 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 | FF | .....            |
| 0x80 | FF | 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 | FF | .....            |
| 0xA0 | FF | 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 | FF | .....            |
| 0xC0 | FF | 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 | FF | .....            |
| 0xE0 | FF | 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 | FF | .....            |

Vcc= 5.0

Device Info

Device:

Size:

MCU ID:

Program Adres Range

Start Adres:   En.

End Adres:

Programmer Information

SWA 1.94

SWB 1015

SWA.B v212

Upd.Status Ok

Date SW .....

SN: 5904855

Name JtagDS

HW Status Ok

LID 62D98E3300000A9

Jtag II Conected smok.com.pl



# W215 W220 W230 (908)

Make sure that JTAG is selected in programmer software.

Select MOTOROLA > MC > HC08 > SECURED > EEPROM

Double click on HC08AZ60 EE SEC option as seen in the red circle.

Choose the proper mask set for your EIS (1J35D) OR (4J74Y).

MultiProg v1.40.5.9

File Edit Device Tools Help Exit

Selected Device: None

00 01 02 0

|      |    |    |    |   |
|------|----|----|----|---|
| 0x00 | FF | FF | FF | F |
| 0x10 | FF | FF | FF | F |
| 0x20 | FF | FF | FF | F |
| 0x30 | FF | FF | FF | F |
| 0x40 | FF | FF | FF | F |
| 0x50 | FF | FF | FF | F |
| 0x60 | FF | FF | FF | F |
| 0x70 | FF | FF | FF | F |
| 0x80 | FF | FF | FF | F |
| 0x90 | FF | FF | FF | F |
| 0xA0 | FF | FF | FF | F |
| 0xB0 | FF | FF | FF | F |
| 0xC0 | FF | FF | FF | F |
| 0xD0 | FF | FF | FF | F |
| 0xE0 | FF | FF | FF | F |
| 0xF0 | FF | FF | FF | F |

Select Device

Select Programmer

- M35080
- M35080 HID
- JTAG
- SMOKPROG HID
- HD64 Programmer
- NEC Programmer

History of Selected Device (Double click to select)

- HC08AZ48A EE SEC (0L02M)
- HC08AS60A EE SEC
- HC08AZ32A EE SEC (4L52H)
- MC9S12 EE SEC
- MC68HC912D60 EE SEC
- HC08AZ60 EE SEC
- HC08AZ60 EE SEC (4J74Y)
- HC08AZ60 EE SEC (1J35D)
- HC08AZ60 EE UNSEC (4J74Y)

MCU

- MOTOROLA
  - MPC56xxx
  - MAC7xxx
  - MC
    - HC05
    - HC08
      - UNSECURED
      - SECURED
        - EEPROM
          - HC08AZ32A EE SEC (2L52H)
          - HC08AZ32A EE SEC (4L52H)
          - HC08AZ48A EE SEC (0L02M)
          - HC08AZ48A EE SEC (1L02M)
          - HC08AZ60 EE SEC
          - HC08AZ60 EE SEC (1J35D)
          - HC08AZ60 EE SEC (4J74Y)
          - HC08AZ60 EE SEC
          - HC08AZ60A EE SEC
          - HC08AS60A EE SEC
        - FLASH
        - PASSWORD
      - HC11
      - HC12/HCS12/HCS12X
- NATIONAL SEMICONDUCTOR
- MICRONAS
- INFINEON
- ST Microelectronics
- Renesas H85X
- NEC
- Renesas R32C
- Renesas M32C
- Renesas RH850
- Fujitsu \* (some chips are under development)
- CT10

Programmer Information

|           |                  |
|-----------|------------------|
| WA        | 1.95             |
| WB        | 1015             |
| W.A.B     | v212             |
| pd.Status | Ok               |
| ate SW    | -----            |
| N :       | 7205005          |
| ame       | JtagDS           |
| W Status  | Ok               |
| ID        | 6295901500000006 |

Jtag II Conected smok.com.pl





# W215 W220 W230 (908)

EZS reading process is done.

MultiProg v1.40.5.9

File Edit Device Tools Help Exit

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

Selected Device: **HC08AZ60 EE SEC (1J35D)**

|       | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 0A | 0B | 0C | 0D | 0E | 0F | 0123456789ABCDEF                     |
|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------------------------|
| 0x000 | D3 | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | FF | .....                                |
| 0x010 | 5A | 0F | 07 | E8 | 54 | 04 | E4 | AC | CF | ED | 93 | 00 | 07 | 20 | D4 | A1 | Zo.. T.....                          |
| 0x020 | 56 | 8D | 8D | BF | 7C | 40 | 05 | 01 | 3F | 90 | 90 | BD | E4 | 30 | 6D | 3C | V...   @. ?... 0m<                   |
| 0x030 | D9 | 02 | 07 | 00 | 42 | 93 | 64 | 61 | 66 | B0 | B0 | 60 | 06 | 0F | 12 | 46 | ... B. daf... .o. F                  |
| 0x040 | 3A | 74 | 3E | F9 | CA | 82 | 89 | 05 | 07 | 9B | 4E | 39 | 15 | C9 | 35 | 1D | ... t>..... N9\$. 5.                 |
| 0x050 | 59 | AB | 00 | 07 | 4B | 43 | 3D | A2 | 4E | 35 | 51 | 9C | DD | 00 | 01 | 00 | Y... KC=. N5 Q... .                  |
| 0x060 | 5C | AB | F9 | 0D | 31 | 51 | B6 | 45 | 00 | 07 | 54 | F1 | AD | EE | B2 | C4 | ... . 1 Q. E. . T... .               |
| 0x070 | 54 | 31 | DB | 00 | 03 | EF | D4 | 48 | A7 | 3C | A7 | BD | 3E | 90 | 00 | 0F | ... Tl... . H. <... >. o             |
| 0x080 | 6C | 02 | 27 | 1C | 30 | 1C | 83 | 9E | 1E | 08 | 03 | A8 | F6 | 70 | 1B | 18 | ... l... 0... . . . . p... .         |
| 0x090 | 4B | 4D | 8F | 68 | 07 | 0F | F1 | C6 | 42 | C0 | 5B | E6 | 97 | 0B | 9C | 02 | ... KM. h. o... B. [... . . . .      |
| 0x0A0 | 01 | D7 | 88 | D0 | B9 | E5 | 70 | AC | 78 | 61 | 00 | 0F | F0 | 89 | 84 | 33 | ... . . . . p. x a. o... 3           |
| 0x0B0 | A8 | 5E | 7E | B8 | 6C | 00 | 0F | 4B | 43 | 3D | A2 | 4E | 35 | 51 | 9C | DD | ... . ^-. l. . o KC=. N5 Q... .      |
| 0x0C0 | 00 | 03 | 00 | 5C | AB | F9 | 0D | 31 | 51 | B6 | 45 | 00 | 0F | 54 | F1 | AD | ... . . . . \... . 1 Q. E. . T... .  |
| 0x0D0 | EE | B2 | C4 | 54 | 31 | DB | 00 | 00 | F5 | C9 | AA | CF | CF | C2 | FF | E5 | ... . . . . Tl... . . . .            |
| 0x0E0 | BB | 00 | 01 | CA | E4 | 0F | 4D | 7F | 70 | 96 | B6 | 45 | 0C | 07 | E4 | 71 | ... . . . . o M p... E... q          |
| 0x0F0 | DB | B7 | F9 | 79 | 48 | 97 | 38 | 00 | 01 | 8C | E9 | B9 | D8 | 36 | ED | C7 | ... . . . . y H. 8... . . . . 6... . |
| 0x100 | 0E | FE | 00 | 07 | 30 | 3E | C9 | 49 | C9 | DD | 4E | 4E | C2 | 00 | 01 | 38 | ... . . . . 0>. I... NN... 8         |

Read EE HC08AZ60 EE SEC (1J35D)  
Unsecuring Please Wait...  
F: 48  
Unsecure Ok  
Connected  
Baud: 14400  
Read Ok  
Saved backup File : C:\Users\Patryk\MBE\Documents\Temp\Temp22.bin

Device Info  
Device: MC68HC08AZ60  
Size: 1024  
MCU ID: .....

Program Adres Range  
Start Adres: 000000  
End Adres: 0001FF  En.

Programmer Information  
SWA: 1.95  
SWB: 1015  
SWA.B: v212  
Upd.Status: Ok  
Date SW: .....

SN: 7205005  
Name: JtagDS  
HW/Status: Ok  
LID: 6295901500000006

Read Ok Jtag II Connected smok.com.pl

