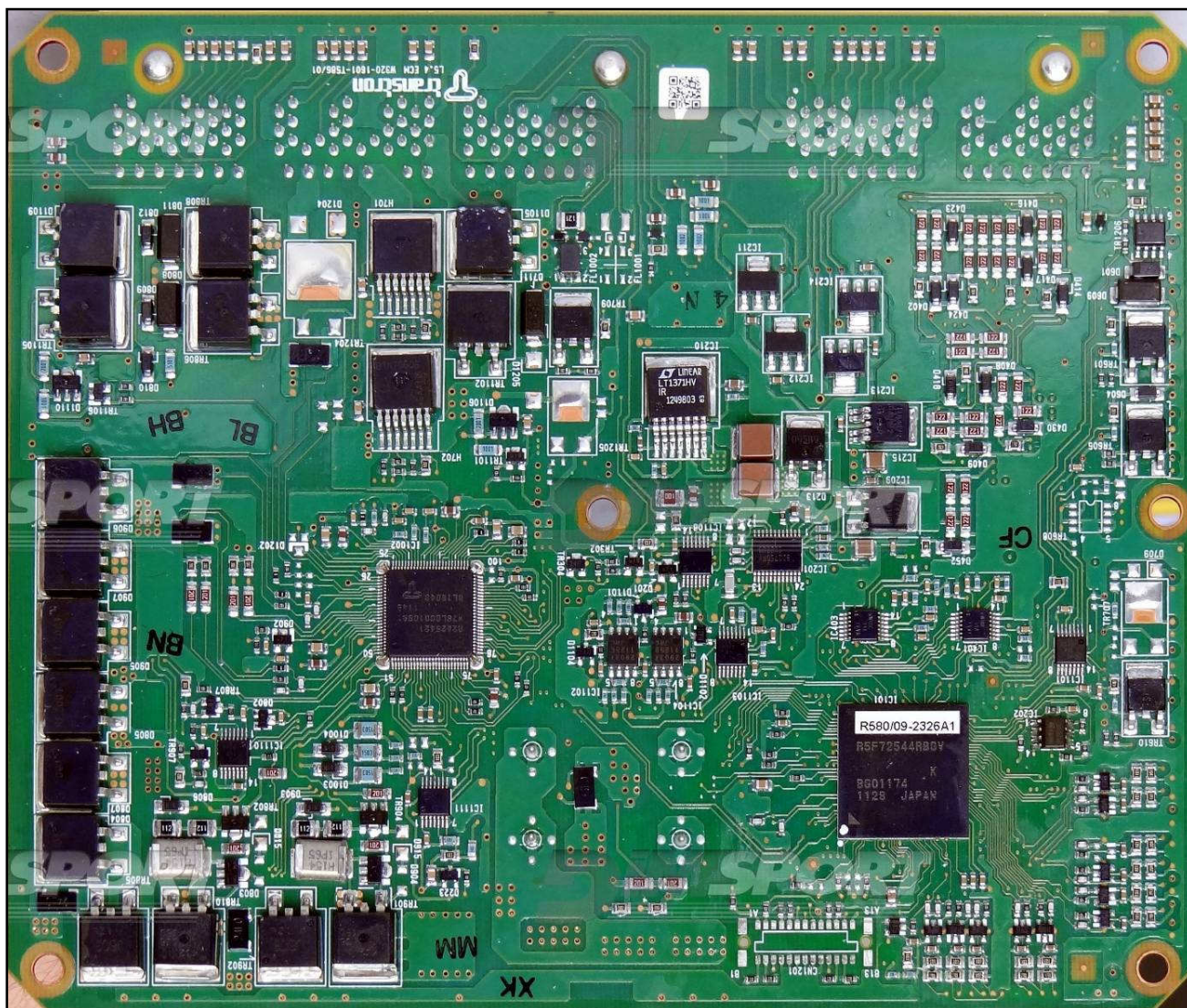


**PLUGIN 490:NEW TRASDATA**

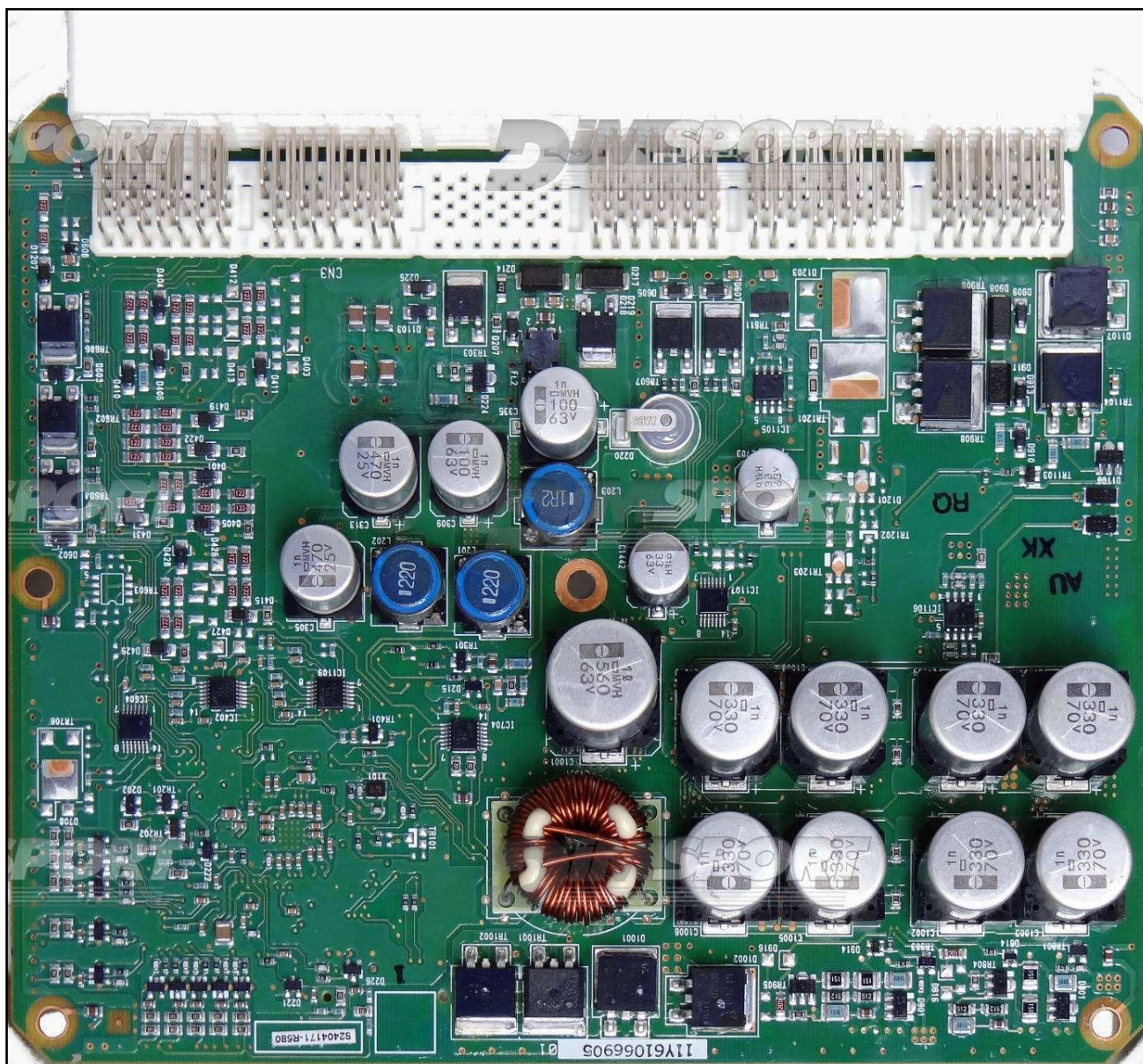


motherboard side for reading and writing





motherboard side for writing only

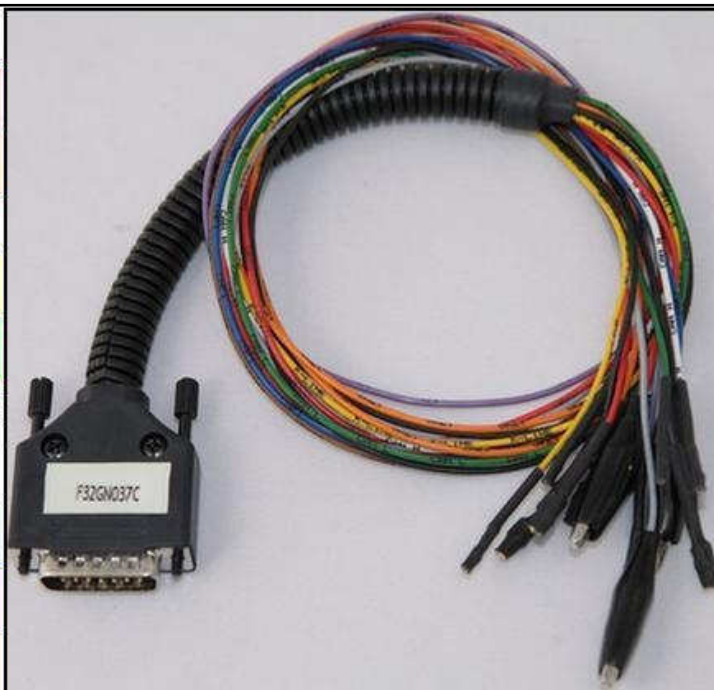
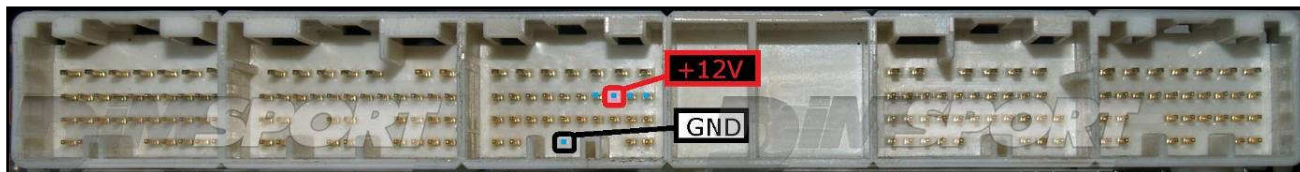


**DIRECT CONNECTION**

In order to connect to the ECU use the CABLE F32GN037C.

Make sure that the POWER led (red) on NEW TRASDATA is ON.

| COLORE FILO<br>WIRE COLOUR  | DESCRIZIONE<br>DESCRIPTION               |
|-----------------------------|------------------------------------------|
| ROSSO<br>RED                | POSITIVO DIRETTO<br>POWER BATTERY        |
| ARANCIO<br>ORANGE           | POSITIVO SOTTO QUADRO<br>POWER SWITCH ON |
| NERO<br>BLACK               | MASSA<br>GND                             |
| GIALLO<br>YELLOW            | KLINE                                    |
| VERDE<br>GREEN              | CAN LOW                                  |
| BIANCO<br>WHITE             | CAN HIGH                                 |
| GRIGIO<br>GREY              | POL4<br>BOOT                             |
| BLU<br>BLUE                 | POL5<br>CNF1                             |
| VIOLA/GRIGIO<br>PURPLE/GREY | TENSIONE PROG.<br>PROG. VOLTAGE          |
| MARRONE<br>BROWN            | RESET                                    |

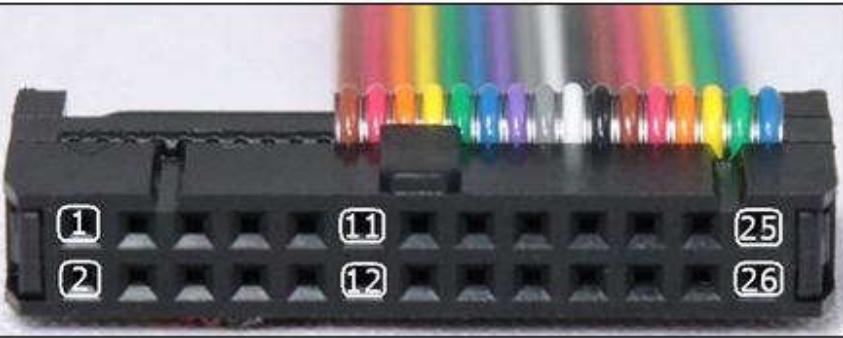
**ECU CONNECTOR****WARNING :**

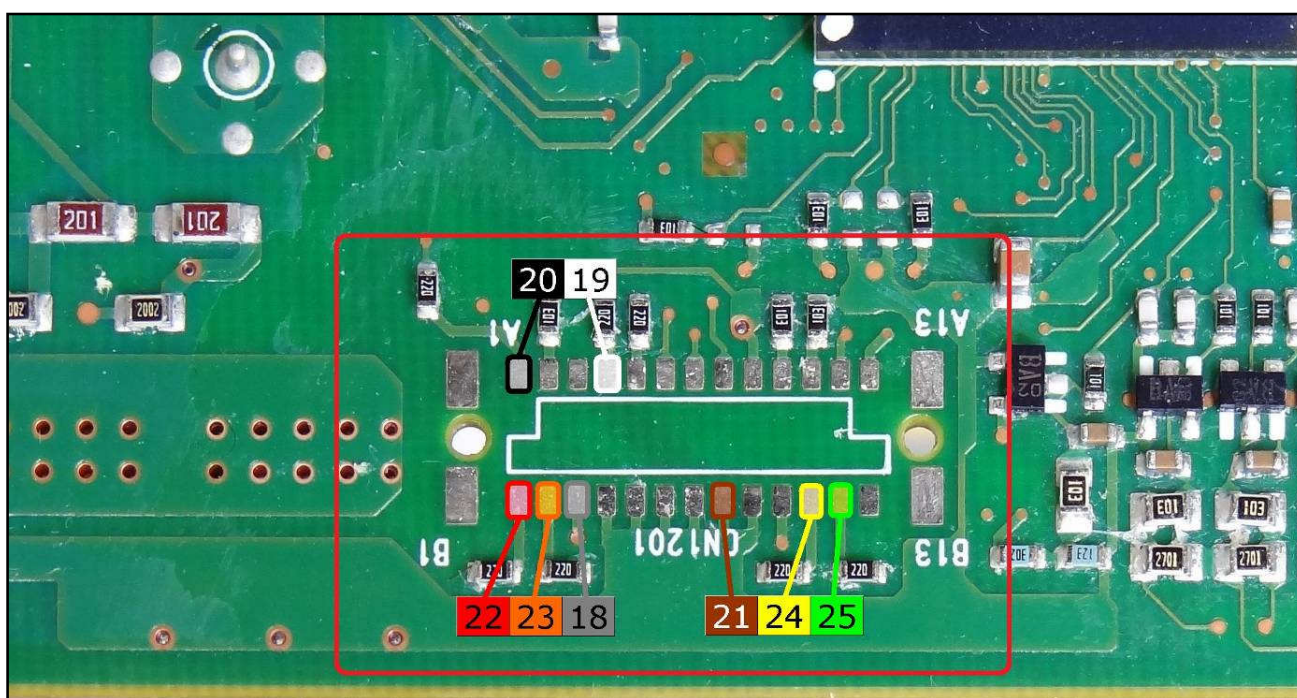
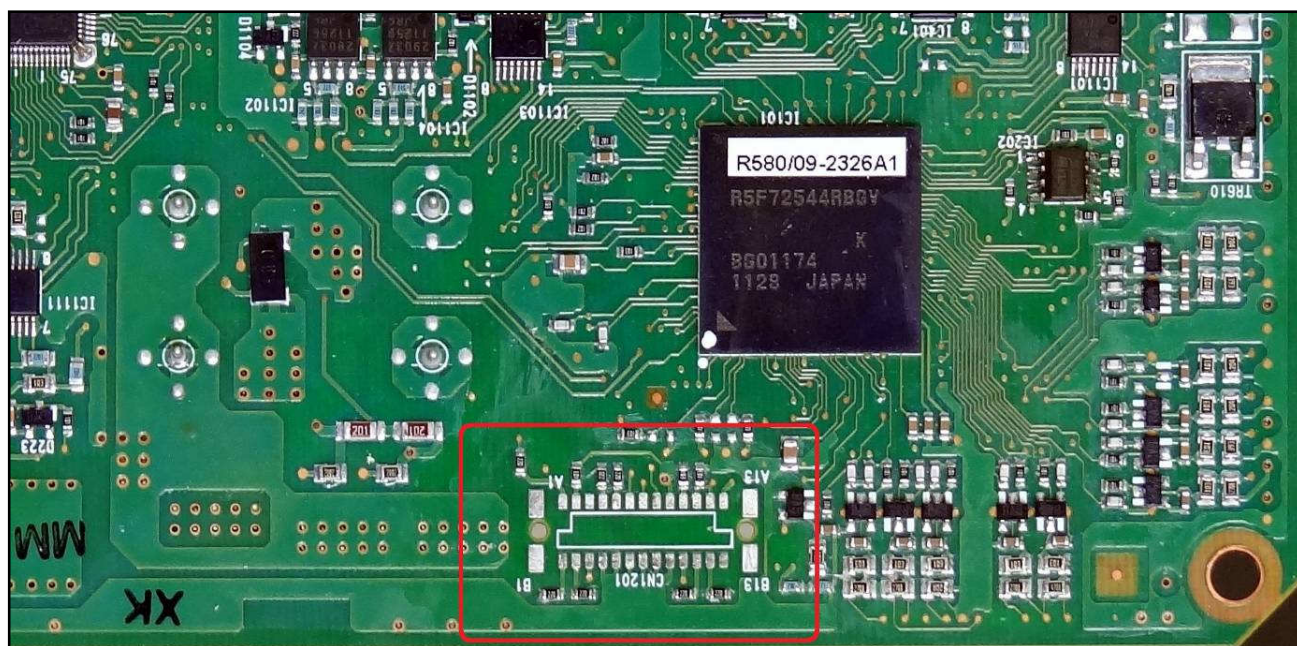
on this ECU you must use two different flat cables: one is for the READING procedure and one is for the WRITING procedure.



# DIRECT CONNECTION – ECU READING:

For the READING procedure use the FLAT cable F34NTF53

|  |                       |  |  |
|------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------|--|
| Pin                                                                                | Colore<br>Colour      |                                                                                      |  |
| 11                                                                                 | Non usato<br>Not used |                                                                                      |  |
| 12                                                                                 | Non usato<br>Not used |                                                                                      |  |
| 13                                                                                 | Non usato<br>Not used |                                                                                      |  |
| 14                                                                                 | Non usato<br>Not used |                                                                                      |  |
| 15                                                                                 | Non usato<br>Not used |                                                                                      |  |
| 16                                                                                 | Blu<br>Blue           |                                                                                      |  |
| 17                                                                                 | Viola<br>Violet       |                                                                                      |  |
| 18                                                                                 | Grigio<br>Grey        |                                                                                      |  |
| 19                                                                                 | Bianco<br>White       |                                                                                      |  |
| 20                                                                                 | Nero<br>Black         |                                                                                      |  |
| 21                                                                                 | Marrone<br>Brown      |                                                                                      |  |
| 22                                                                                 | Rosso<br>Red          |                                                                                      |  |
| 23                                                                                 | Arancio<br>Orange     |                                                                                      |  |
| 24                                                                                 | Giallo<br>Yellow      |                                                                                      |  |
| 25                                                                                 | Verde<br>Green        |                                                                                      |  |
| 26                                                                                 | Non usato<br>Not used |                                                                                      |  |





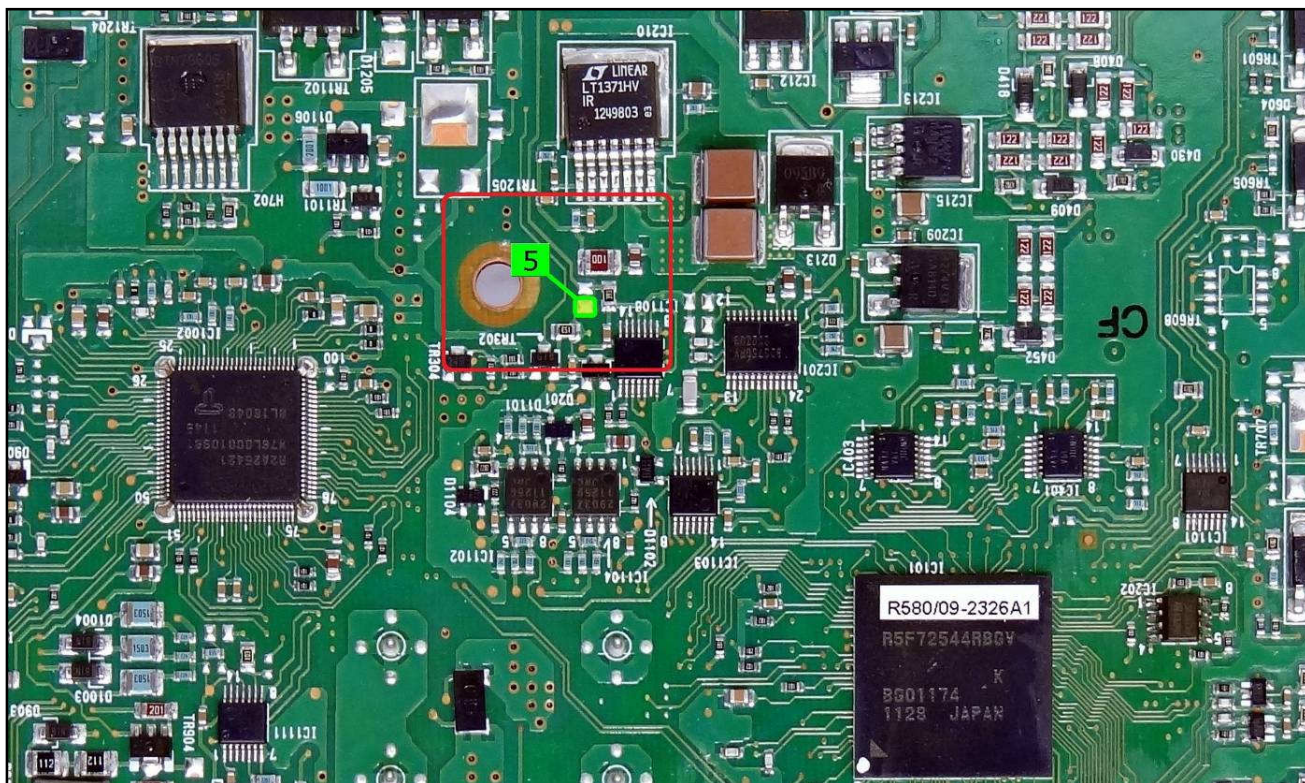
# DIRECT CONNECTION – ECU WRITING:

For the WRITING procedure use the FLAT cable F34NTF51

|  |                       |  |  |
|------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------|--|
| Pin                                                                                | Colore<br>Colour      |                                                                                      |  |
| 1                                                                                  | Marrone<br>Brown      |                                                                                      |  |
| 2                                                                                  | Non usato<br>Not used |                                                                                      |  |
| 3                                                                                  | Non usato<br>Not used |                                                                                      |  |
| 4                                                                                  | Giallo<br>Yellow      |                                                                                      |  |
| 5                                                                                  | Verde<br>Green        |                                                                                      |  |
| 6                                                                                  | Blu<br>Blue           |                                                                                      |  |
| 7                                                                                  | Viola<br>Violet       |                                                                                      |  |
| 8                                                                                  | Grigio<br>Grey        |                                                                                      |  |
| 9                                                                                  | Bianco<br>White       |                                                                                      |  |
| 10                                                                                 | Nero<br>Black         |                                                                                      |  |



For the writing procedure it is necessary to work on both ECU sides.  
ECU Microprocessor side



ECU condensensors side

