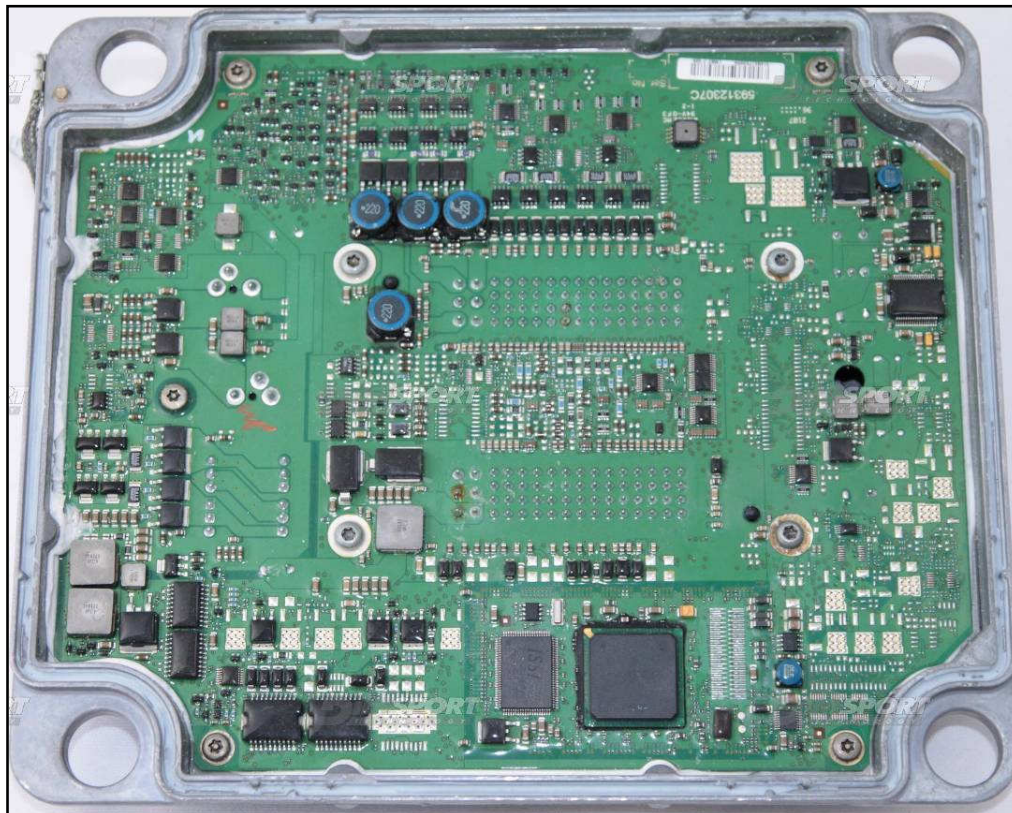


## PLUGIN 246 :NEW TRASDATA

The lay-by pins are placed in the lower part of the ECU.

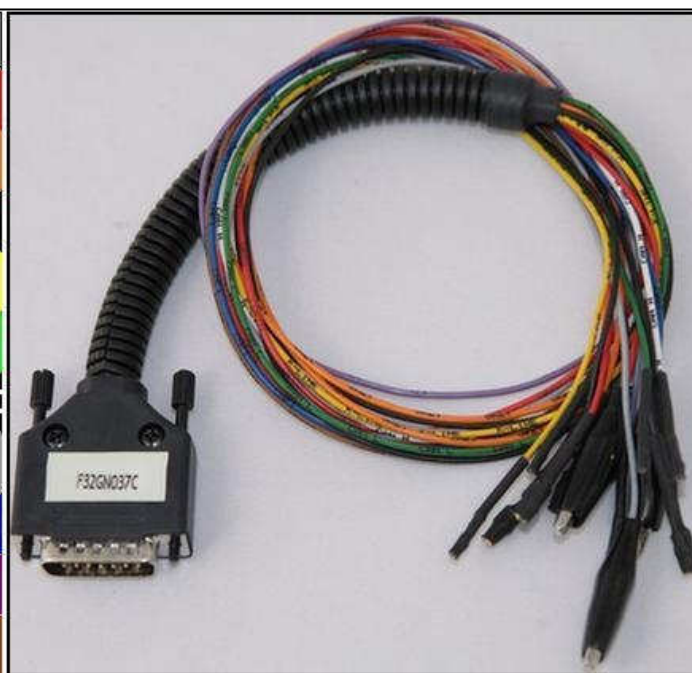


## DIRECT CONNECTION

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

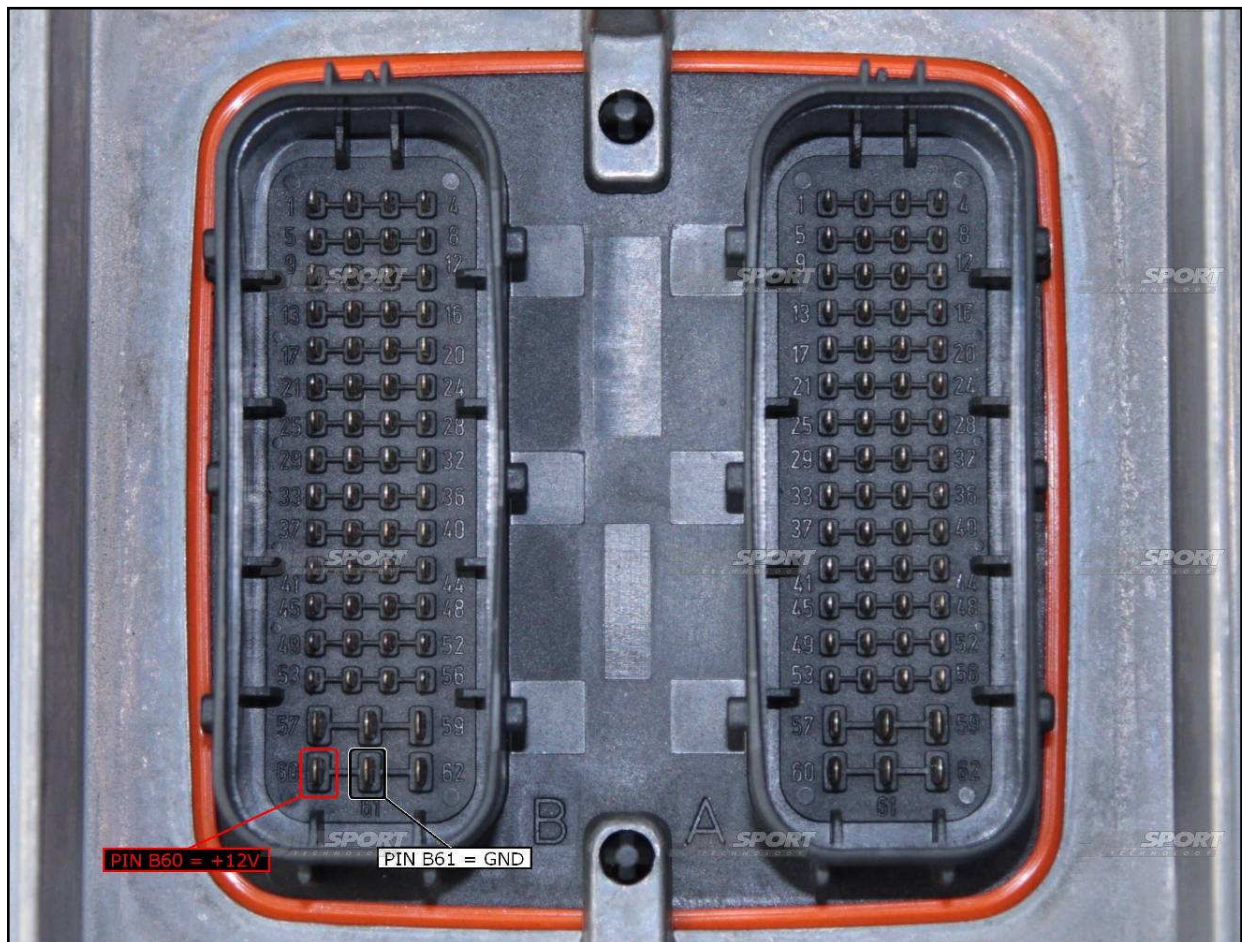
Make sure that the POWER led (red) on NEW TRASDATA is ON.

| 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                             |
| VIOLOA/GRIGIO<br>PURPLE/GREY | TENSIONE PROG.<br>PROG. VOLTAGE          |
| MARRONE<br>BROWN             | RESET                                    |



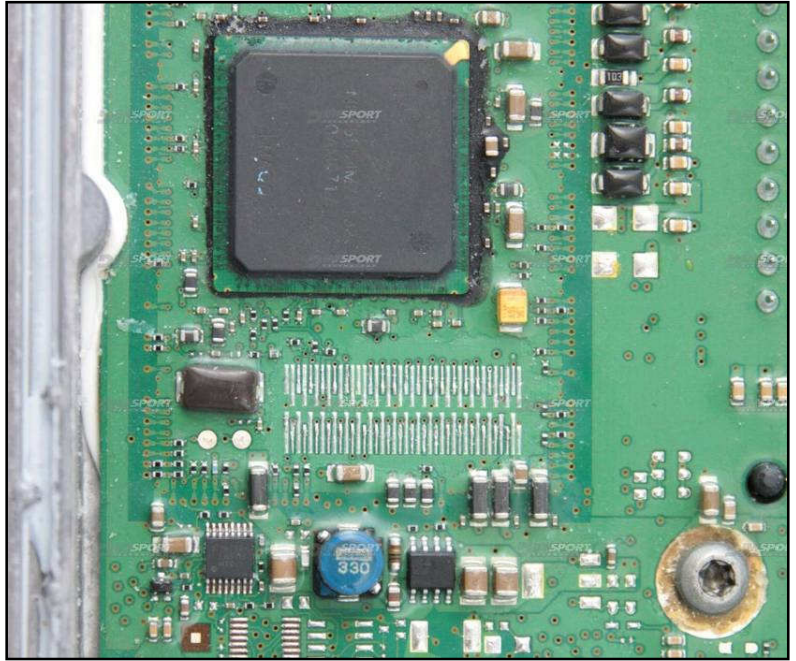
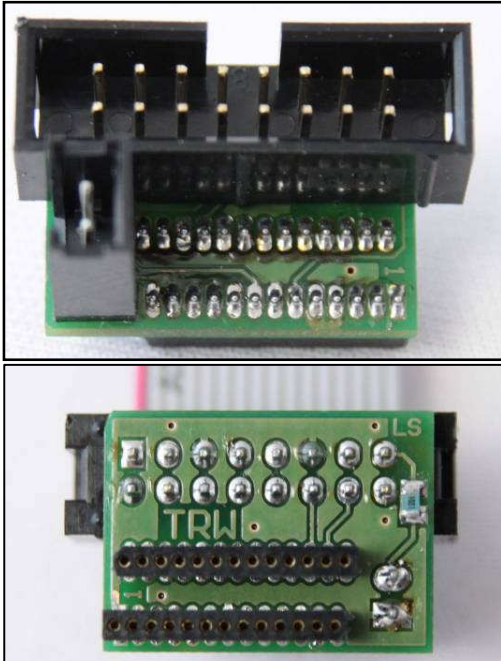
### ECU CONNECTOR

Due to the relevant power absorbed by the ECU at the beginning of the communication procedures it is necessary to feed the ECU with a booster or an additional battery. The ECU must be fed through the NEW TRASDATA, connect the F32GN003 power cable to the NEW TRASDATA. In order to connect to the ECU use the F32GN037C cable as shown in the following pictures.

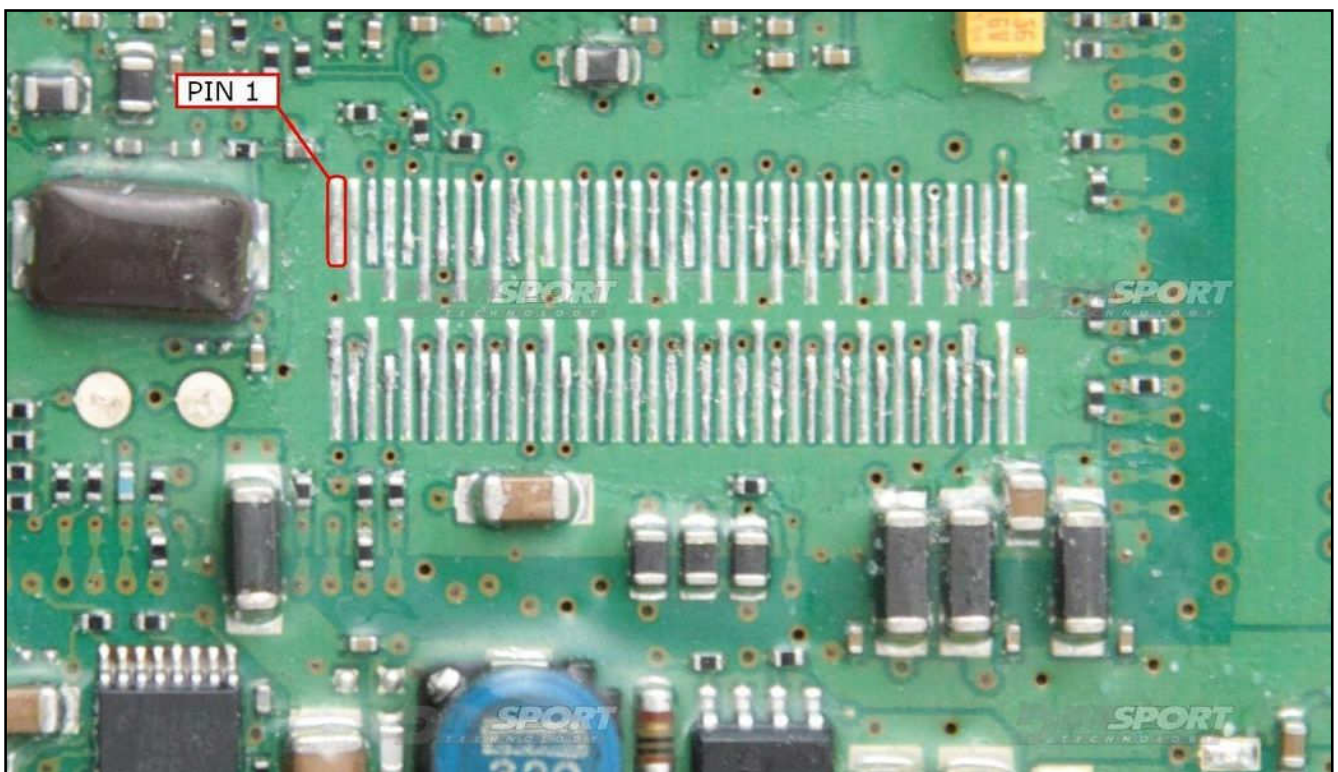


**DIRECT CONNECTION with F34NTA10 adapter**

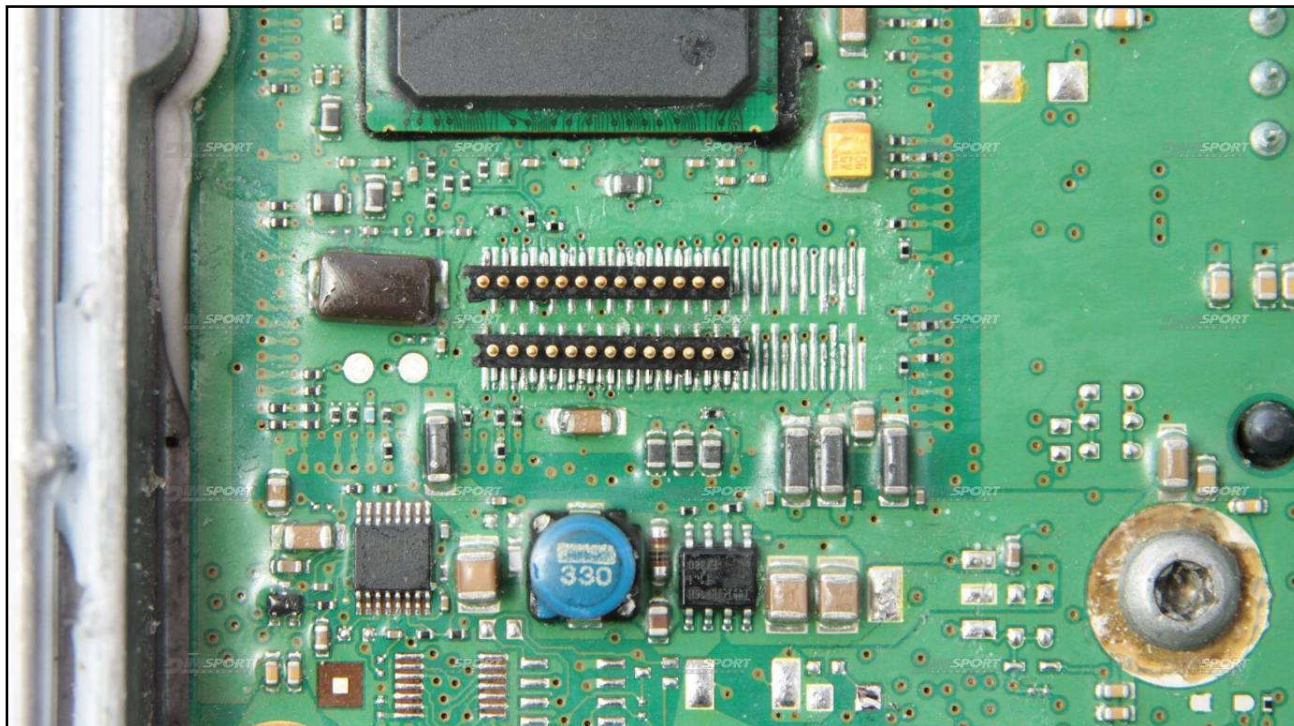
JTAG lay-by pins are located under the microprocessor.



Identify the PIN 1 as described in the picture here below

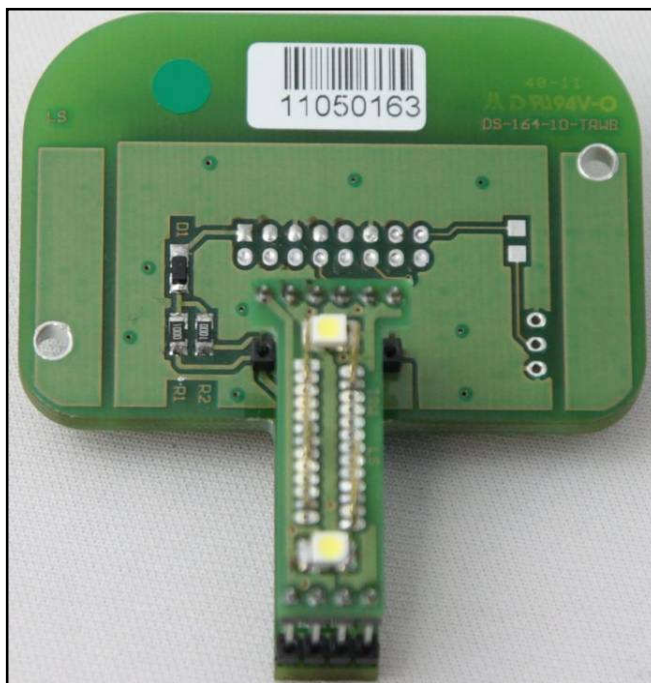
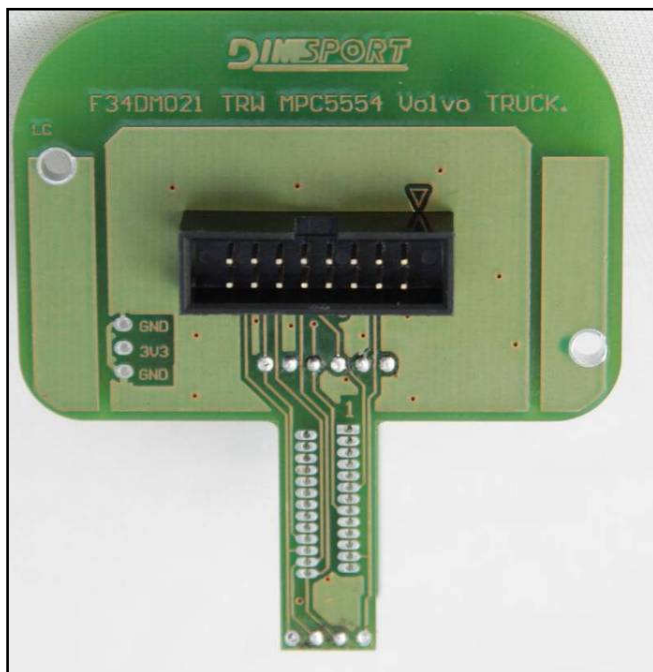


Communication JTAG lay-by pins are the shortest ones, the others are GROUND signals NOT used. During the strip soldering you must be very careful to avoid any short-circuits. Solder the strips as shown in the following pictures.

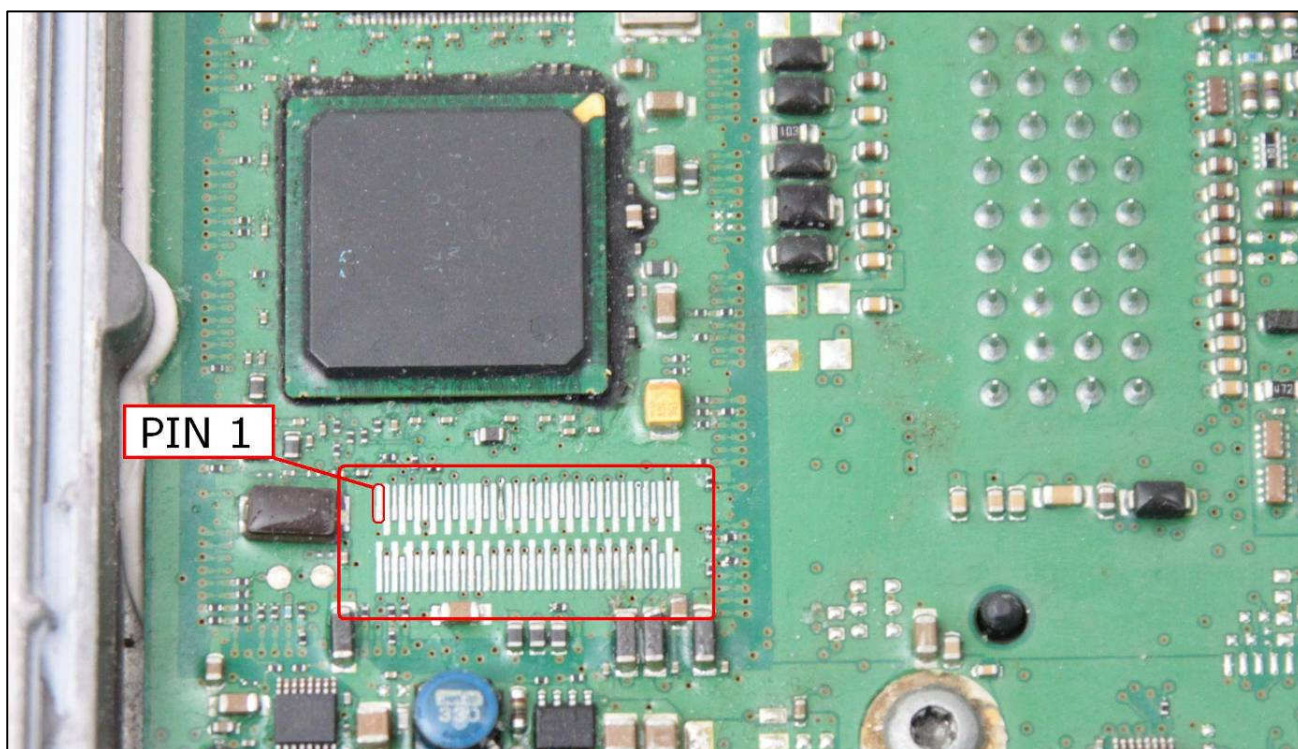


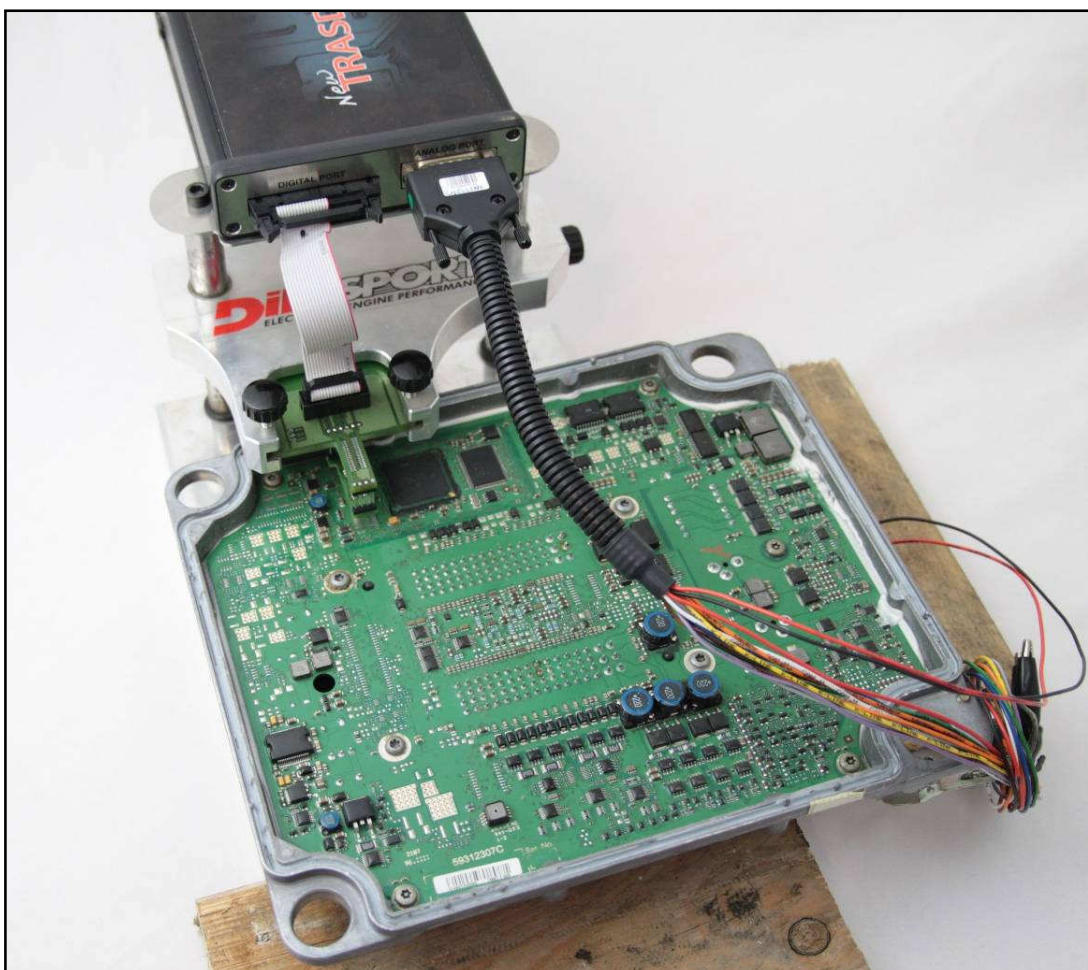
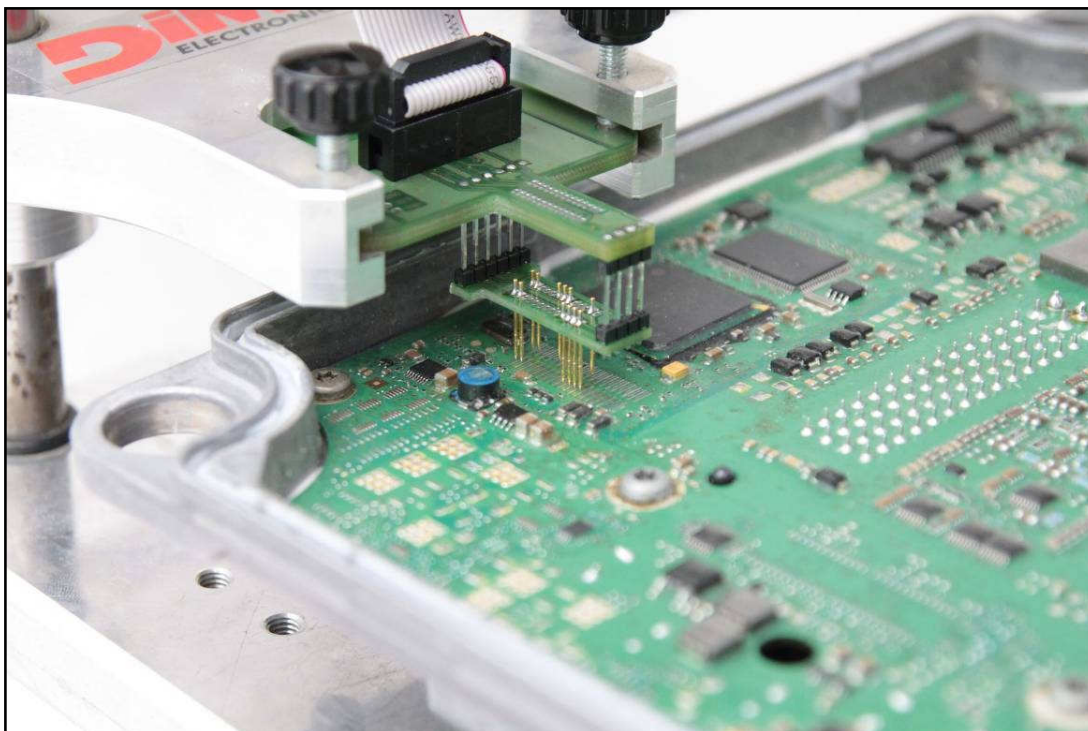
For a correct soldering use the PIN 1 as the good reference, check the following picture.



**F34DM021 DIMA CONNECTION**

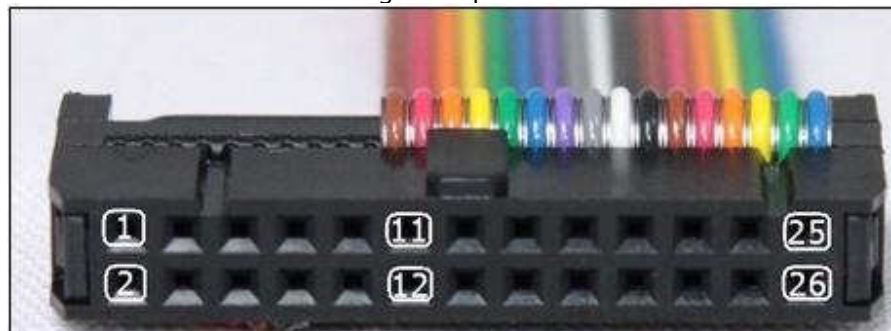
**WARNING:** for a correct communication with the DIMA the lay by pins MUST be very clean, remove all the tin from them to avoid any damage to the adapter needles. Moreover lay the ECU flat on the Metal Positioning Frame in order to avoid any damage and grant a correct communication.



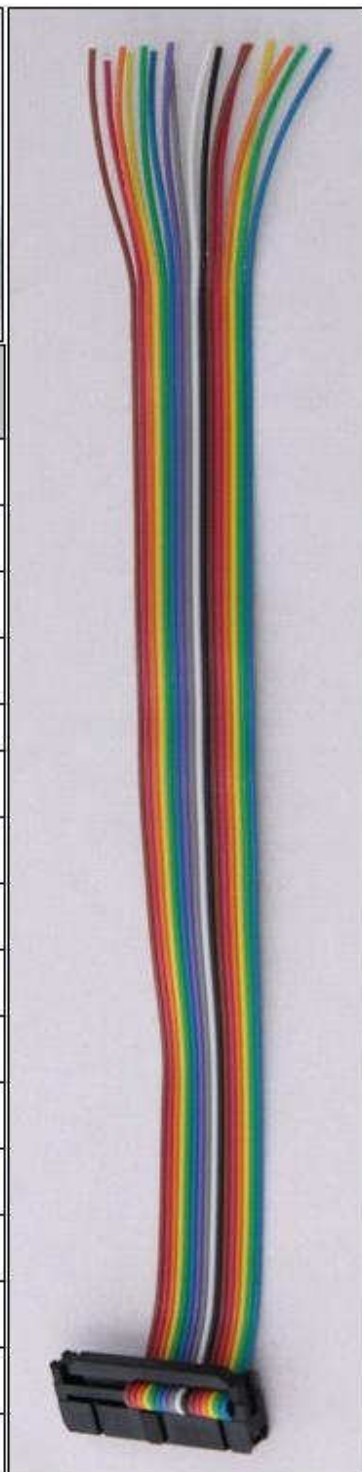


## J-TAG FREE WIRING CONNECTION

Connect the F34NTF53 wiring as explained here below :



| 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 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  | Non usato<br>Not used |
| 24  | Giallo<br>Yellow      |
| 25  | Non usato<br>Not used |
| 26  | Non usato<br>Not used |



Communication JTAG lay-by pins are the shortest ones, the others are GROUND signals NOT used. During the strip soldering you must be very careful to avoid any short-circuits. Solder the strips as shown in the following pictures.

