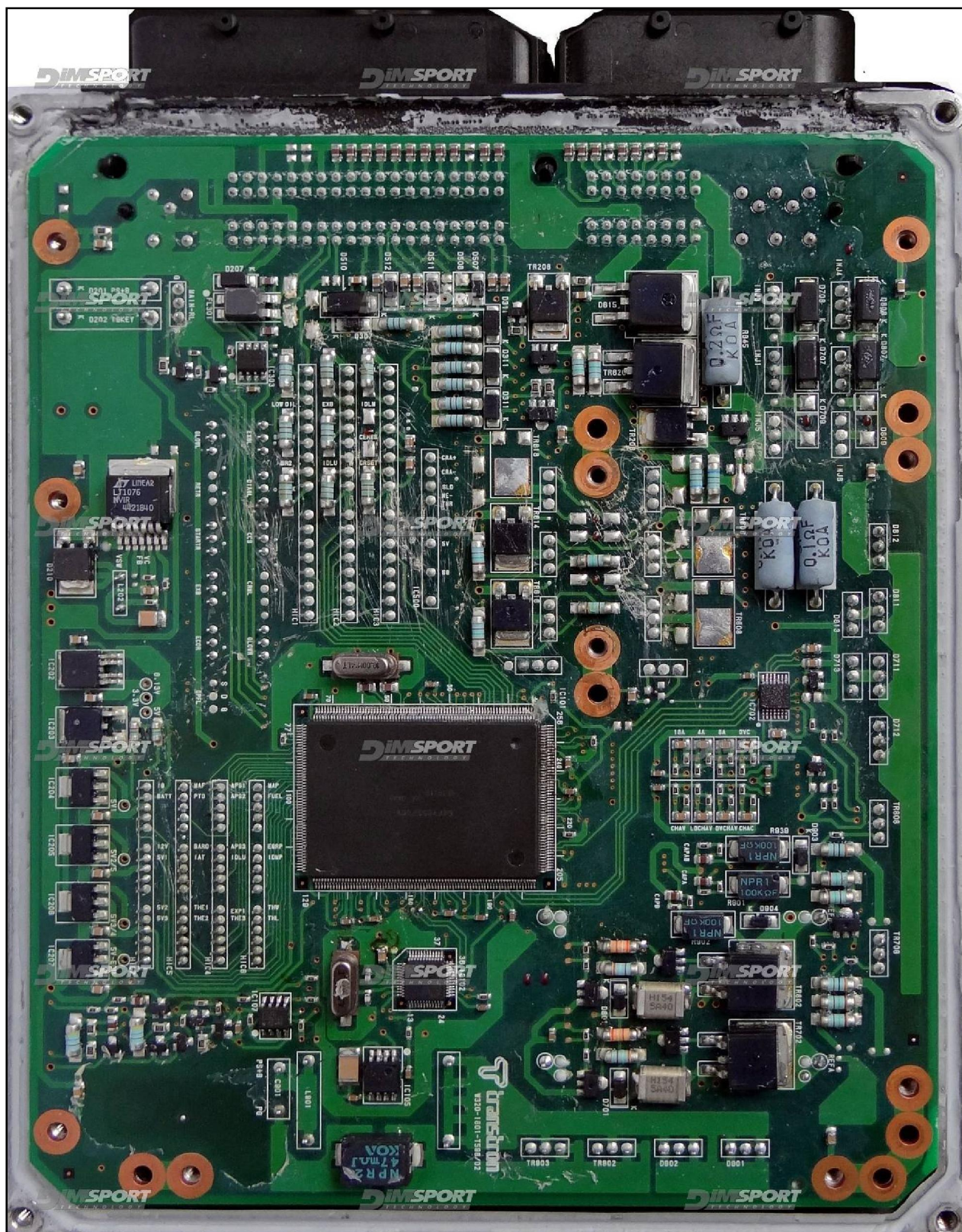


PLUGIN 313:NEW TRASDATA

WARNING: this ECU type can have 3 different motherboards, after the ECU opening please check if your one is TYPE 01, TYPE 02, TYPE 03



ECU TYPE 01 – reading & writing side



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.

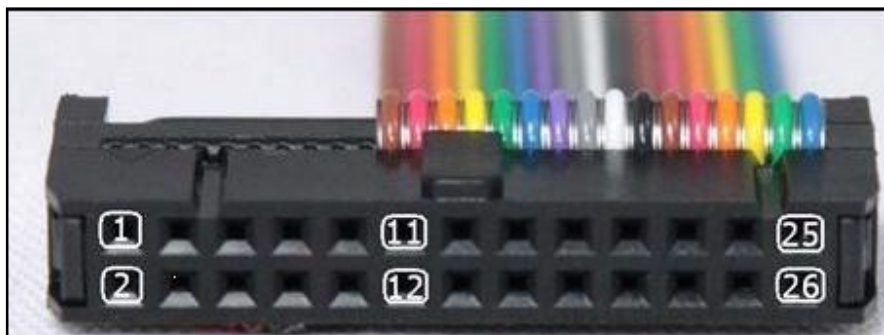
COLORE FILO WIRE COLOUR	DESCRIZIONE DESCRIPTION
ROSSO RED	POSITIVO DIRETTO POWER BATTERY
ARANCIO ORANGE	POSITIVO SOTTO QUADRO POWER SWITCH ON
NERO BLACK	MASSA GND
GIALLO YELLOW	KLINE
VERDE GREEN	CAN LOW
BIANCO WHITE	CAN HIGH
GRIGIO GREY	POL4 BOOT
BLU BLUE	POL5 CNF1
VIOLA/GRIGIO PURPLE/GREY	TENSIONE PROG.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

**CONNECTOR ECU TYPE 01****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

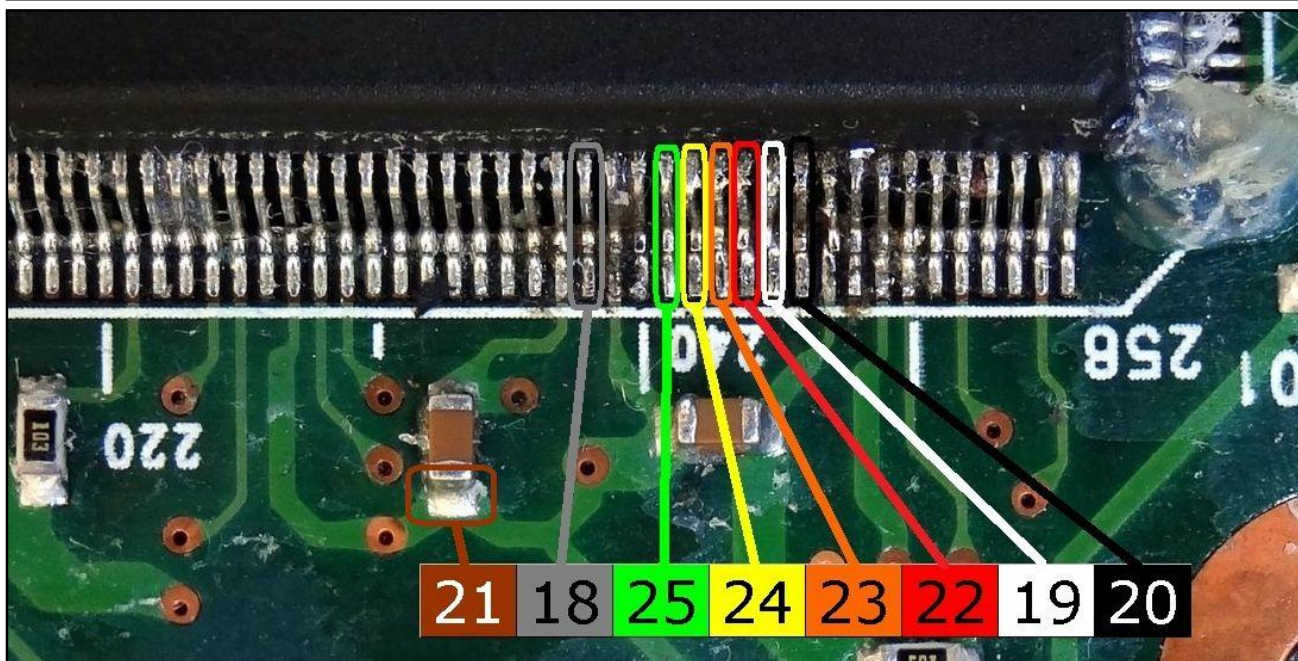
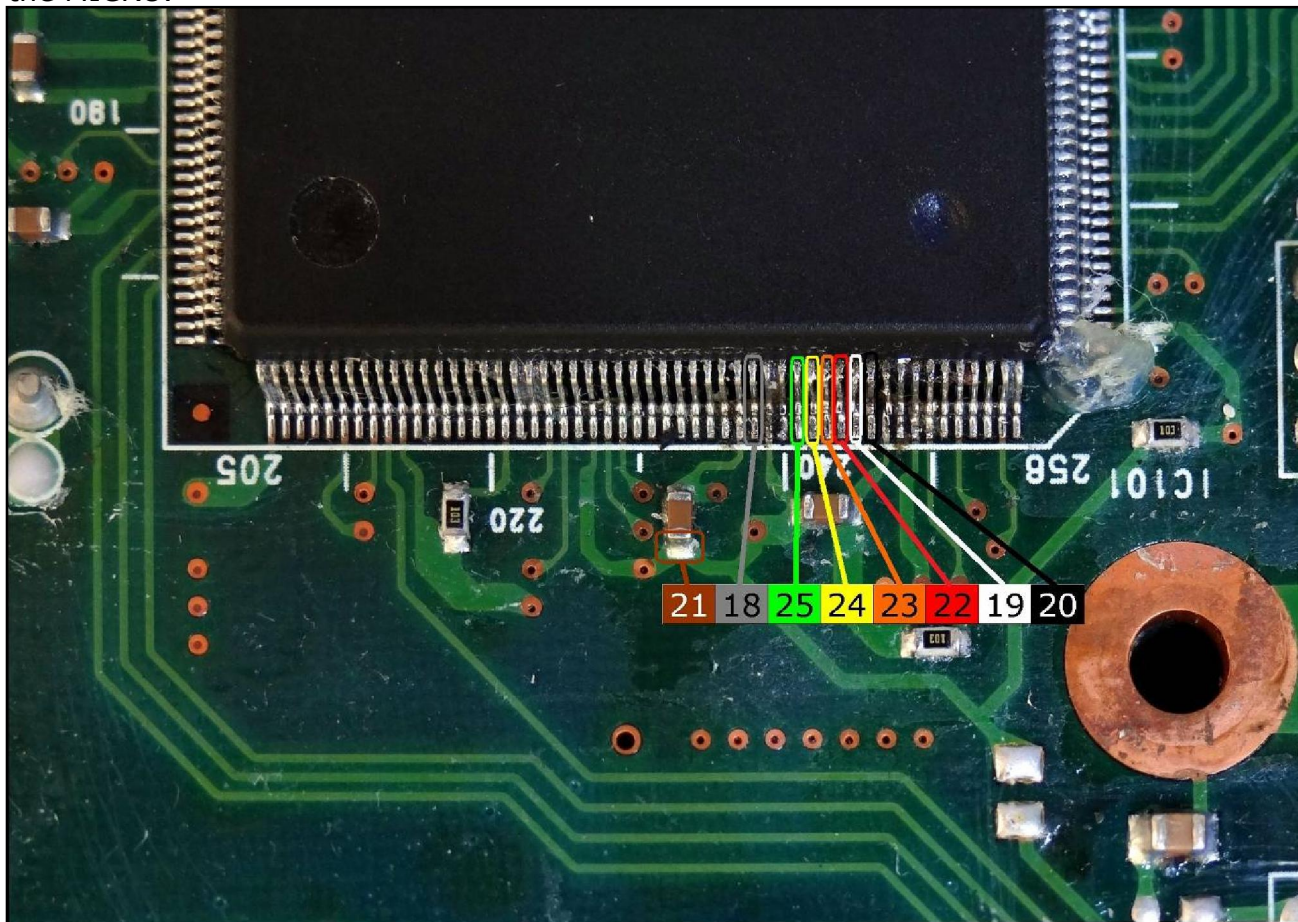


Pin	Colore Colour
11	Non usato Not used
12	Non usato Not used
13	Non usato Not used
14	Non usato Not used
15	Non usato Not used
16	Non usato Not used
17	Non usato Not used
18	Grigio Grey
19	Bianco White
20	Nero Black
21	Marrone Brown
22	Rosso Red
23	Arancio Orange
24	Giallo Yellow
25	Verde Green
26	Non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



TYPE 01

WARNING: for the reading procedure it is necessary to connect directly to the pins of the MICRO.



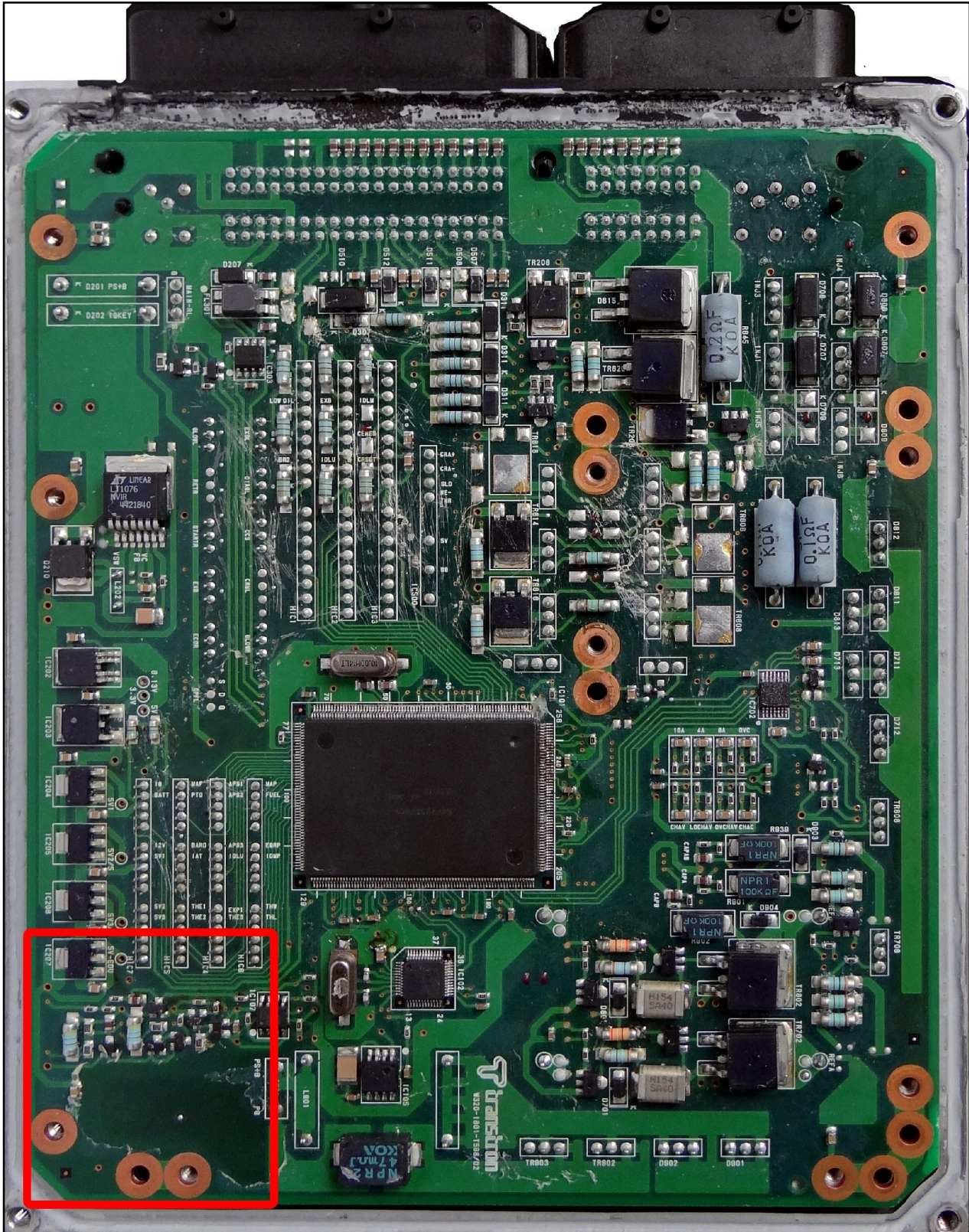
DIRECT CONNECTION – ECU WRITING:

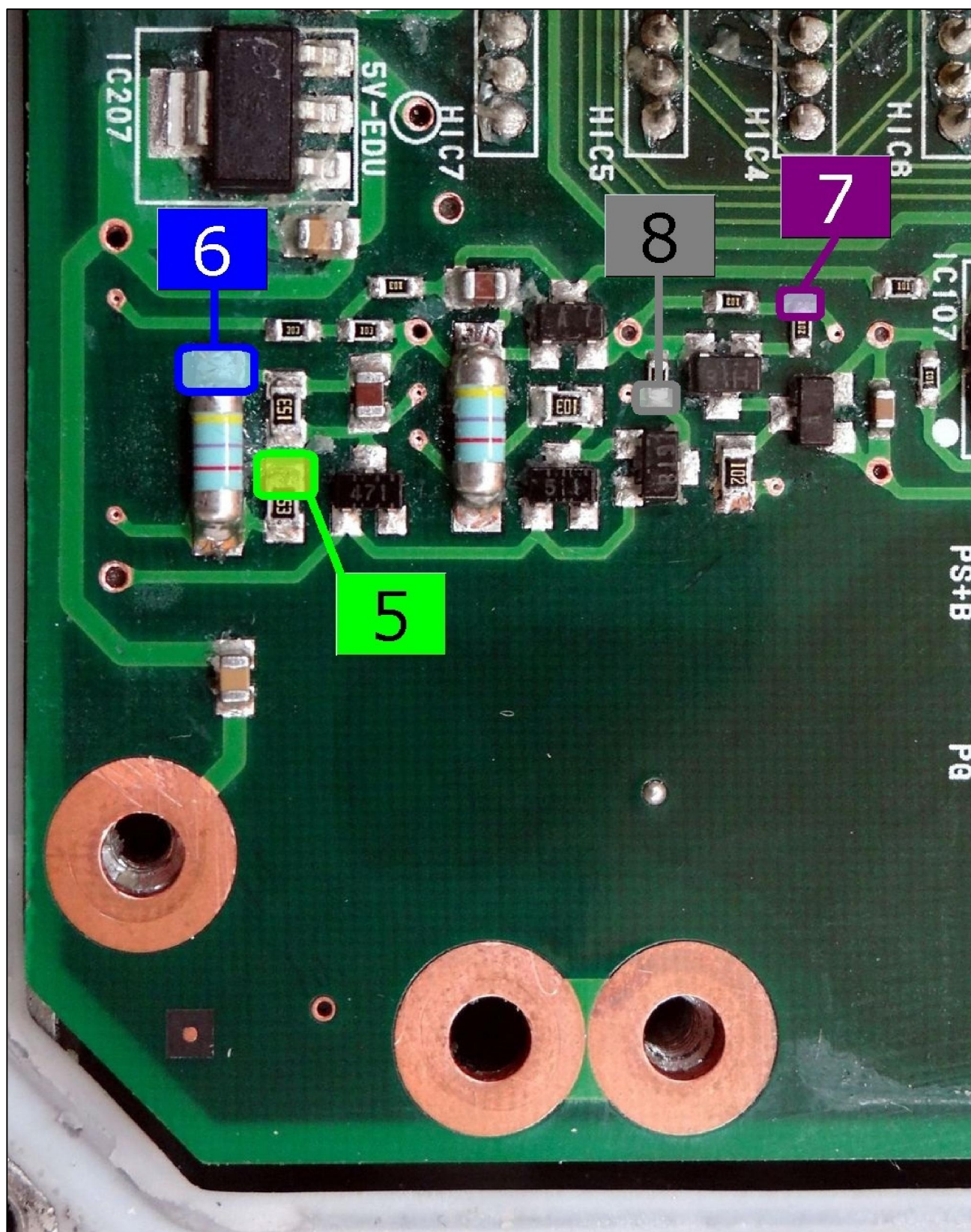
For the WRITING procedure use the FLAT cable F34NTF51

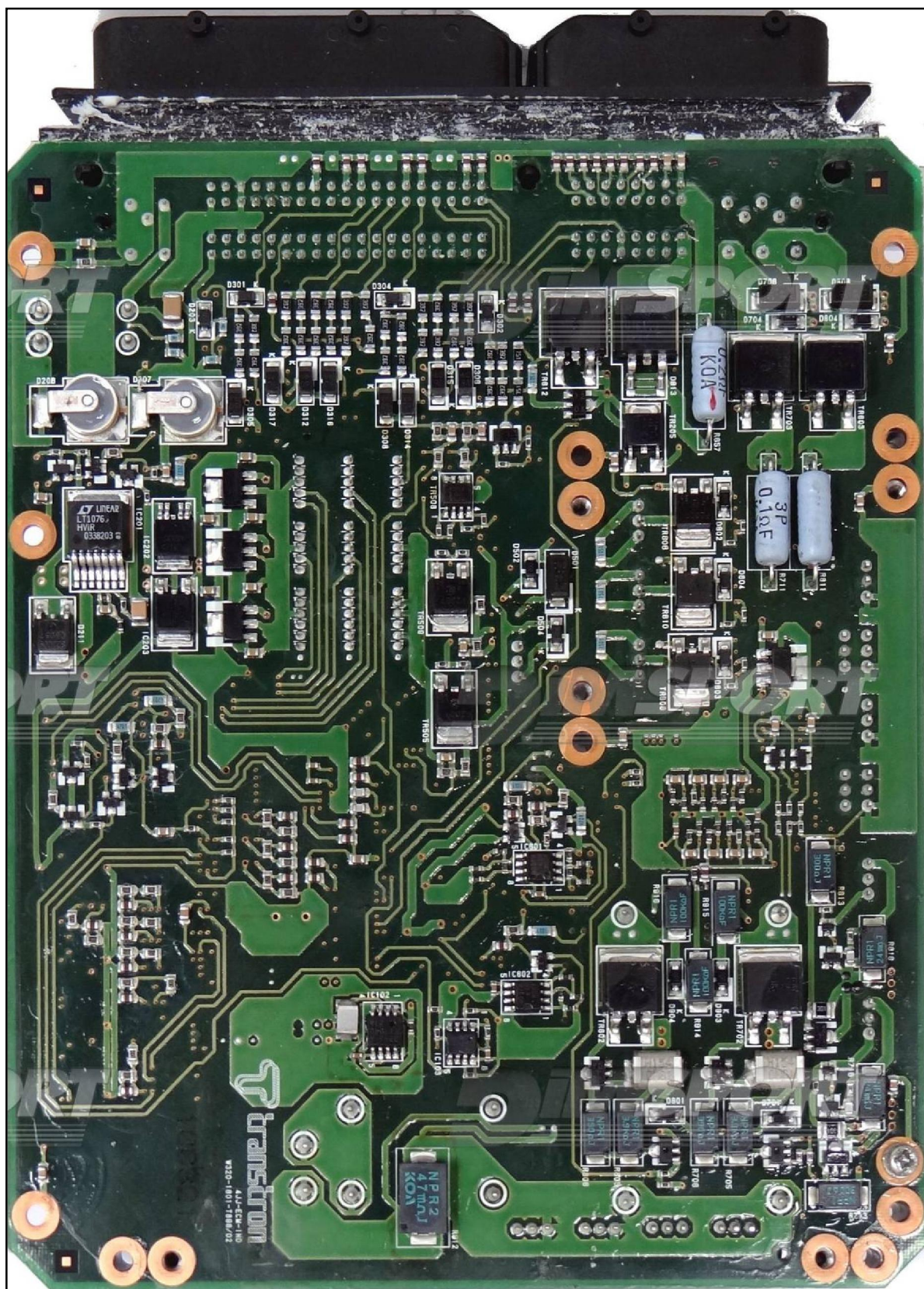
			
Pin	Colore Colour		
1	Non usato Not used		
2	Non usato Not used		
3	Non usato Not used		
4	Non usato Not used		
5	Verde Green		
6	Blu Blue		
7	Viola Violet		
8	Grigio Grey		
9	Non usato Not used		
10	Non usato Not used		

TYPE 01:

all the required pads and connections are placed in the red square shown in the picture here below:





ECU **TYPE 02** reading&writing side

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.

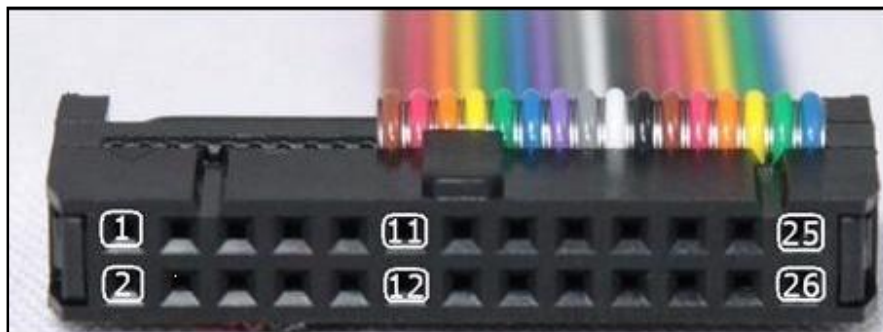
COLORE FILO WIRE COLOUR	DESCRIZIONE DESCRIPTION
ROSSO RED	POSITIVO DIRETTO POWER BATTERY
ARANCIO ORANGE	POSITIVO SOTTO QUADRO POWER SWITCH ON
NERO BLACK	MASSA GND
GIALLO YELLOW	KLINE
VERDE GREEN	CAN LOW
BIANCO WHITE	CAN HIGH
GRIGIO GREY	POL4 BOOT
BLU BLUE	POL5 CNF1
VIOLA/GRIGIO PURPLE/GREY	TENSIONE PROG.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

**CONNECTOR ECU TYPE 02****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

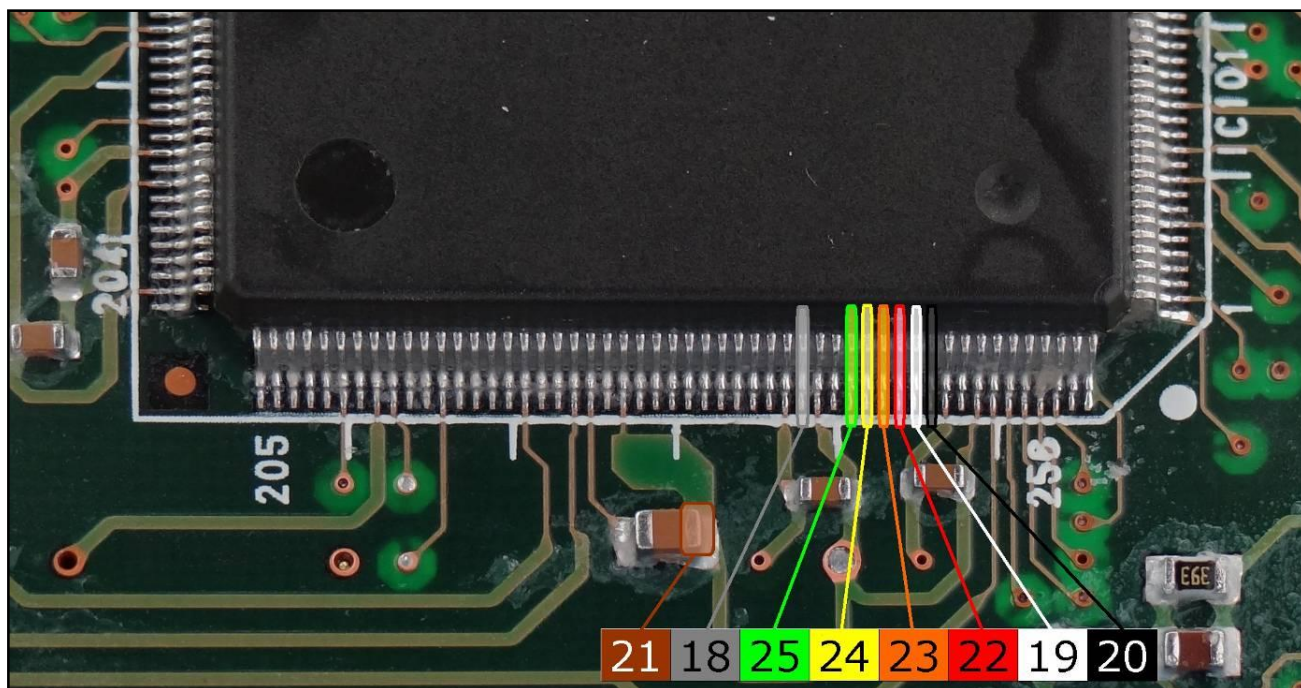


Pin	Colore Colour
11	Non usato Not used
12	Non usato Not used
13	Non usato Not used
14	Non usato Not used
15	Non usato Not used
16	Non usato Not used
17	Non usato Not used
18	Grigio Grey
19	Bianco White
20	Nero Black
21	Marrone Brown
22	Rosso Red
23	Arancio Orange
24	Giallo Yellow
25	Verde Green
26	Non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



TYPE 02

WARNING: for the reading procedure it is necessary to connect directly to the pins of the MICRO.



DIRECT CONNECTION – ECU WRITING:

For the WRITING procedure use the FLAT cable F34NTF51

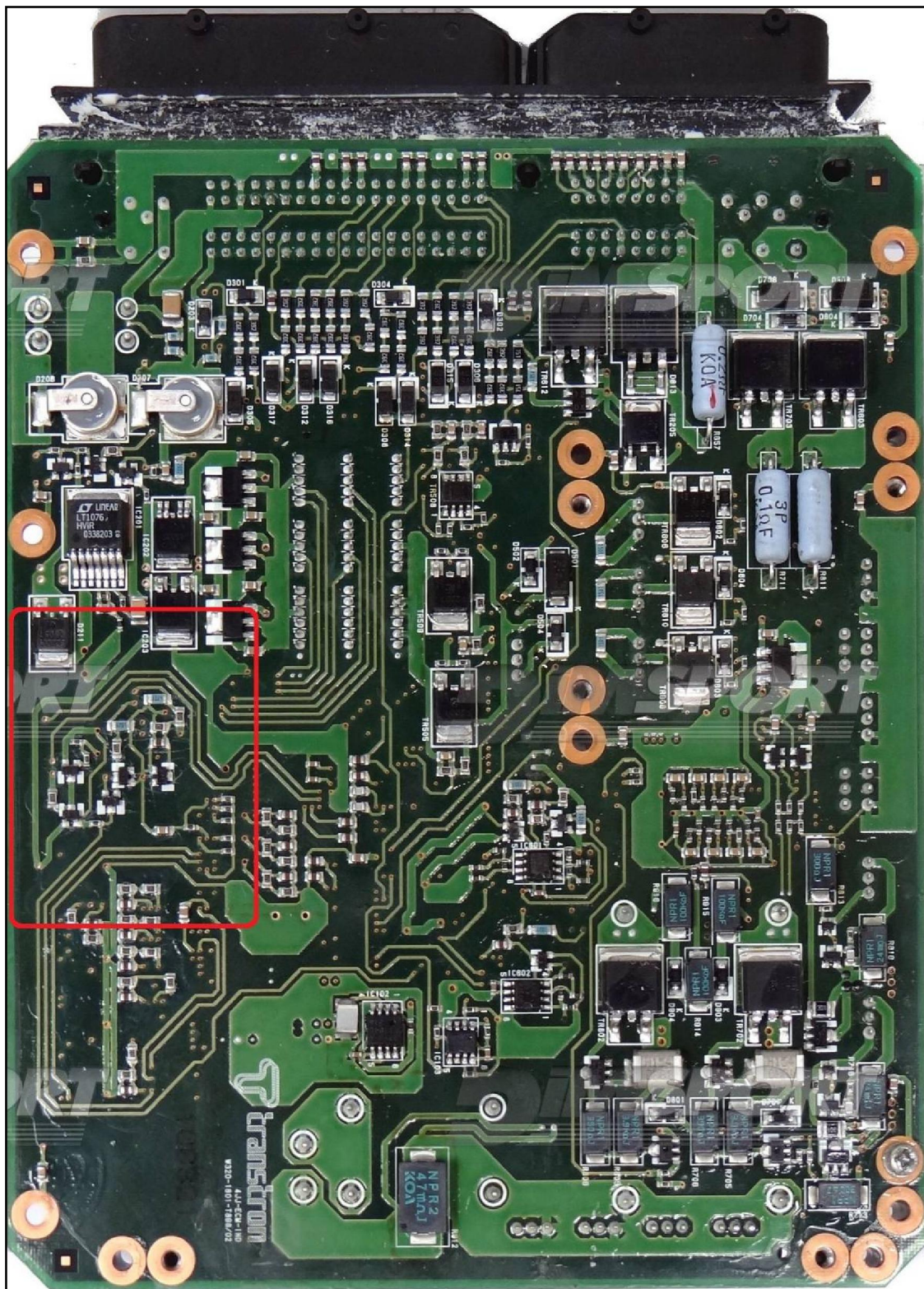


Pin	Colore Colour
1	Non usato Not used
2	Non usato Not used
3	Non usato Not used
4	Non usato Not used
5	Verde Green
6	Blu Blue
7	Viola Violet
8	Grigio Grey
9	Non usato Not used
10	Non usato Not used



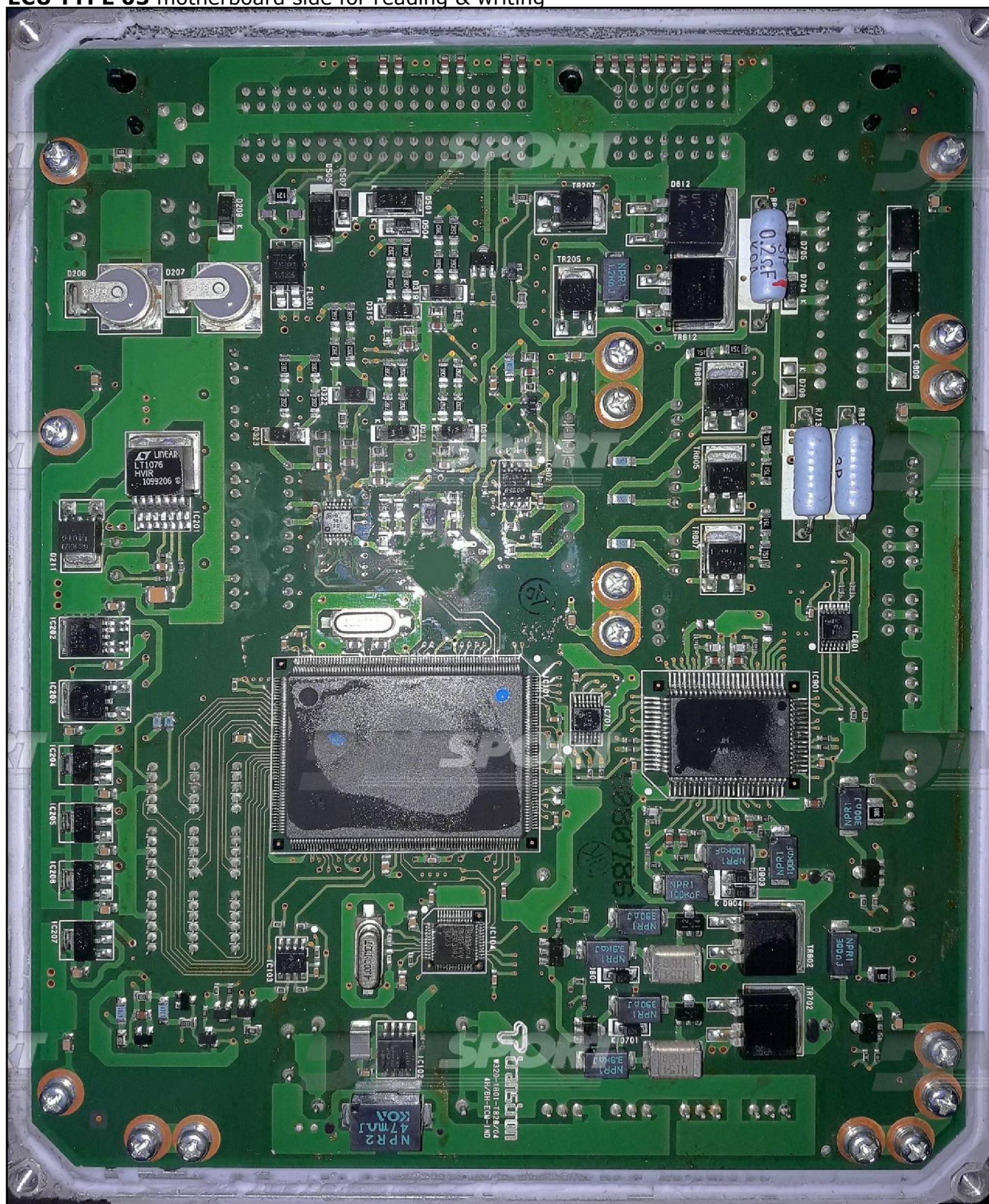
TYPE 02:

all the required pads and connections are placed in the red square shown in the picture here below:





ECU TYPE 03 motherboard side for reading & writing

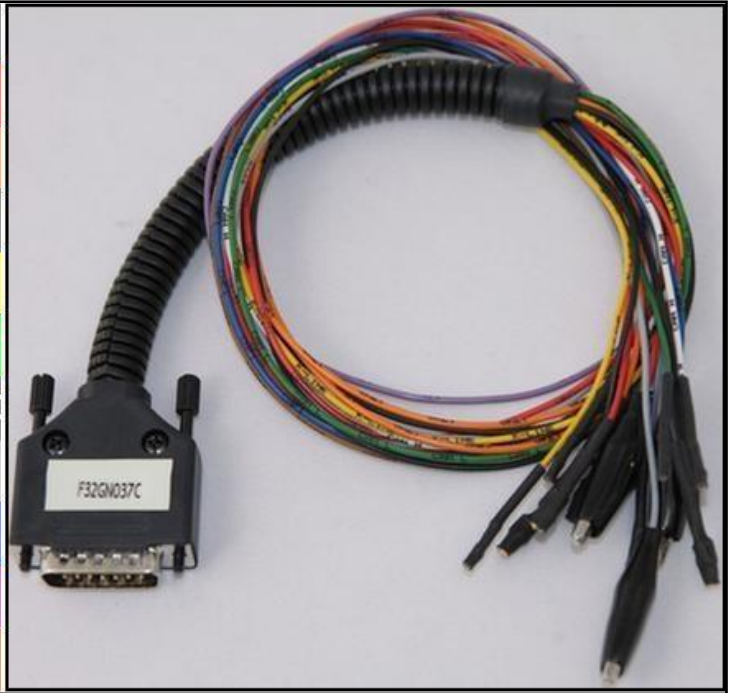


DIRECT CONNECTION

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

**CONNECTOR ECU TYPE 03****WARNING :**

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

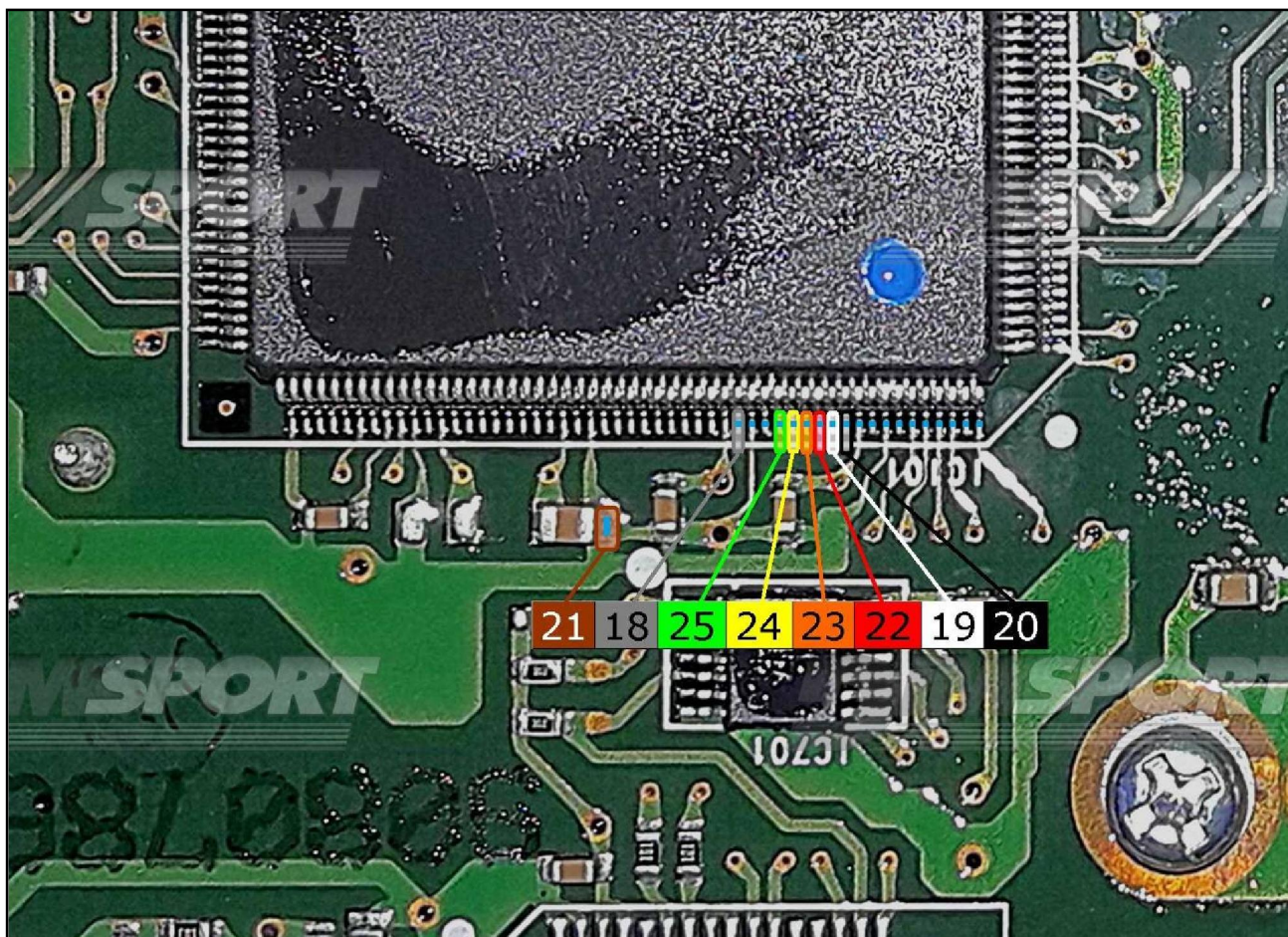
DIRECT CONNECTION – ECU READING:

For the READING procedure use the FLAT cable F34NTF53

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

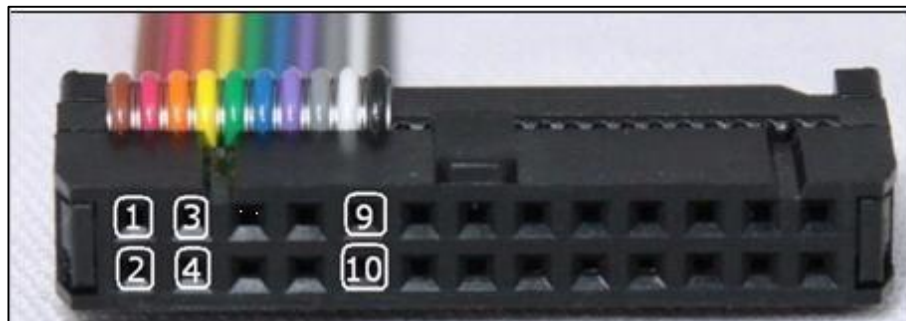
TYPE 03

WARNING: for the reading procedure it is necessary to connect directly to the pins of the MICRO.



DIRECT CONNECTION – ECU WRITING:

For the WRITING procedure use the FLAT cable F34NTF51



Pin	Colore Colour
1	Non usato Not used
2	Non usato Not used
3	Non usato Not used
4	Non usato Not used
5	Verde Green
6	Blu Blue
7	Viola Violet
8	Grigio Grey
9	Non usato Not used
10	Non usato Not used



TYPE 03:

all the required pads and connections are placed in the red square shown in the picture here below:

