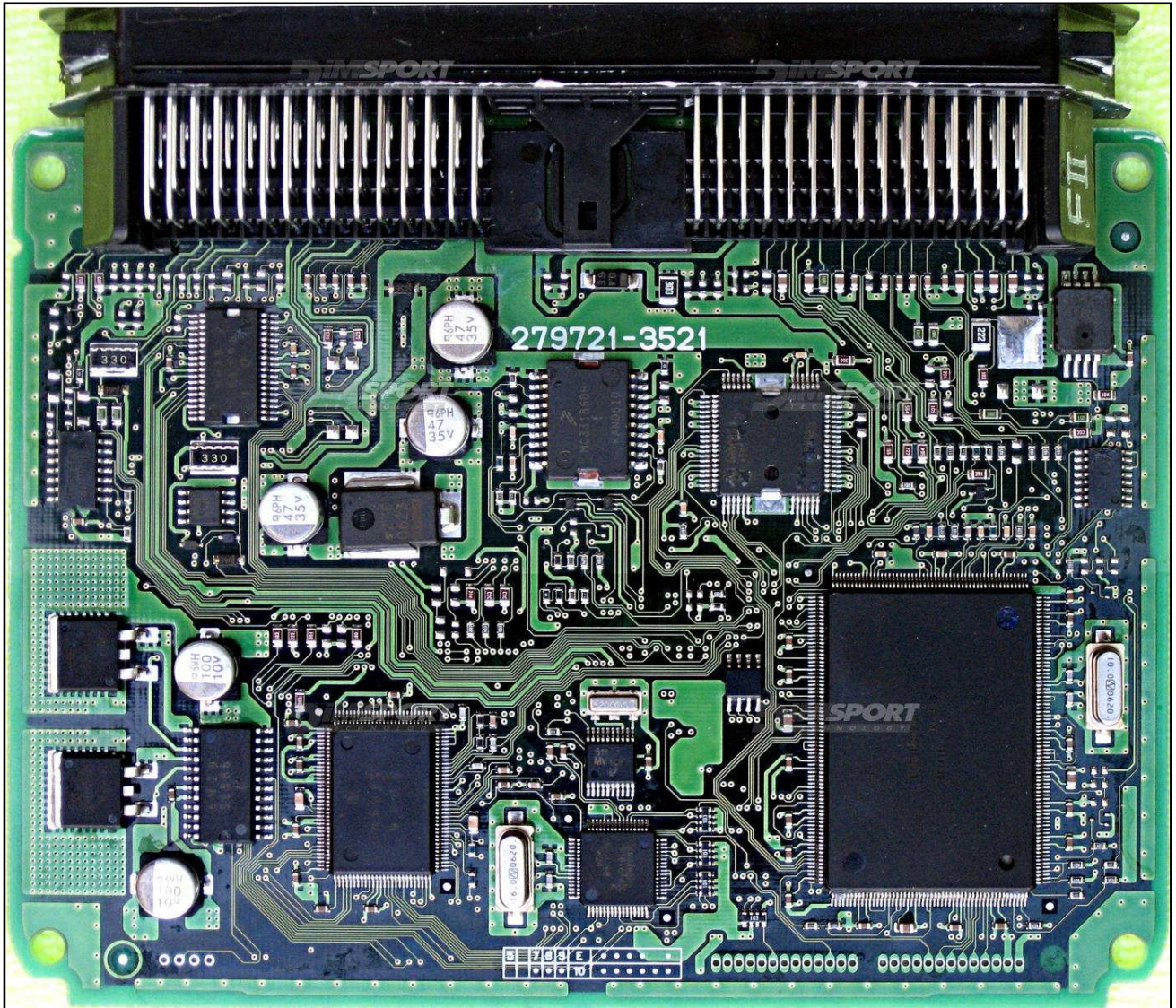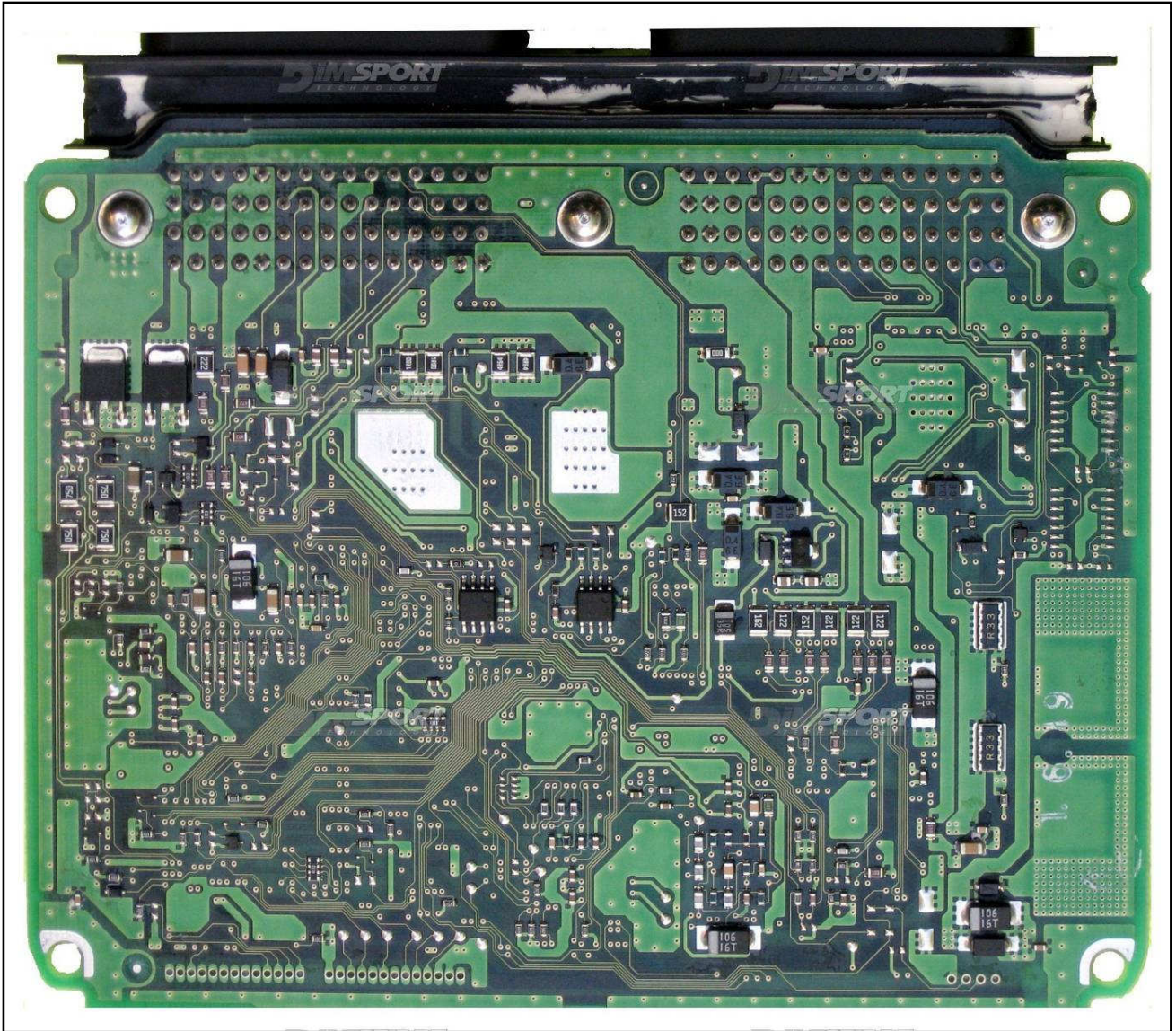# DENSO SH7058 MAZDA

**PLUGIN 321**

ECU top side

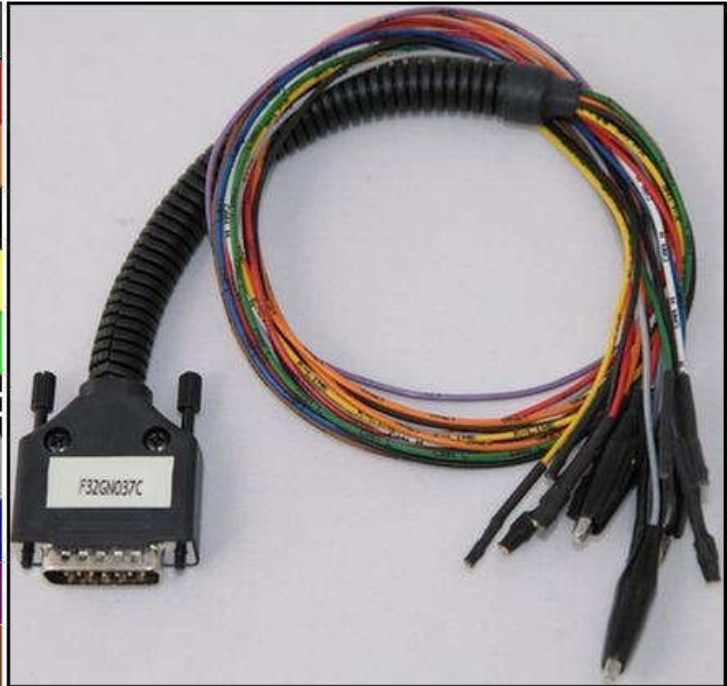# DENSO SH7058 MAZDA

ECU bottom side

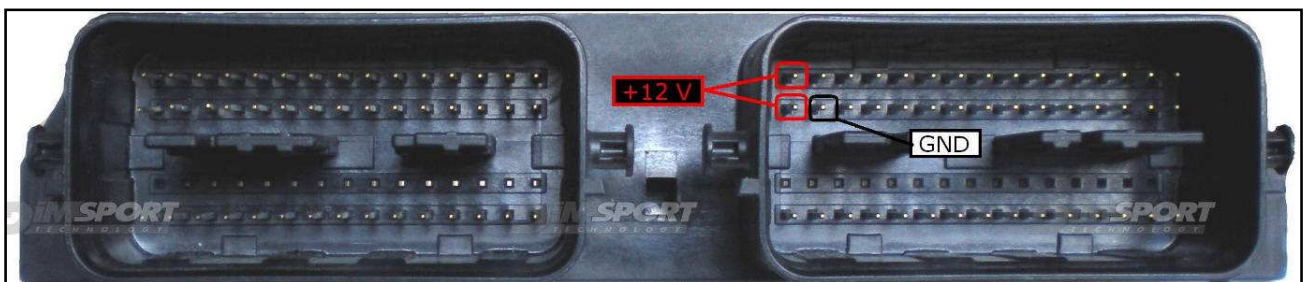# DENSO SH7058 MAZDA

## DIRECT CONNECTION

In order to connect to the ECU use the CABLE F32GN037C.
Make sure that the POWER led (red) on Trasdata is ON.

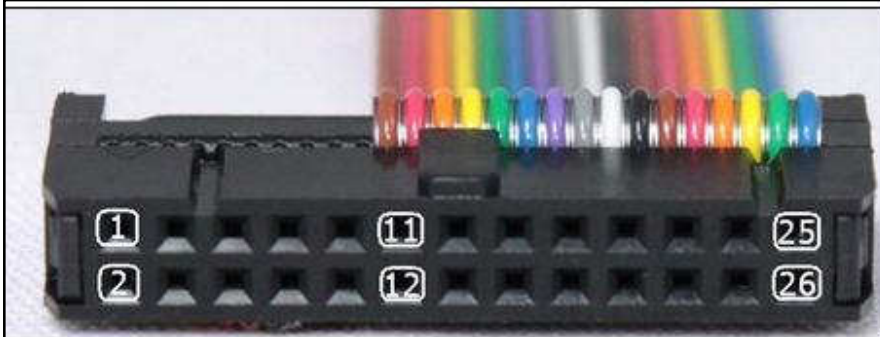| COLORE FILO WIRE COLOUR | | DESCRIZIONE DESCRIPTION |
|---|---|---|
| | ROSSO RED | POSITIVO DIRETTO POWER BATTERY |
| | ARANCIO ORANGE | POSITIVO SOTTO QUADRO POWER SWITCH ON |
| | NERO BLACK | MASSA GND |
| | GIALLO YELLOW | KLINE |
| | VERDE GREEN | CAN LOW |
| | BIANCO WHITE | CAN HIGH |
| | GRIGIO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

## 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.
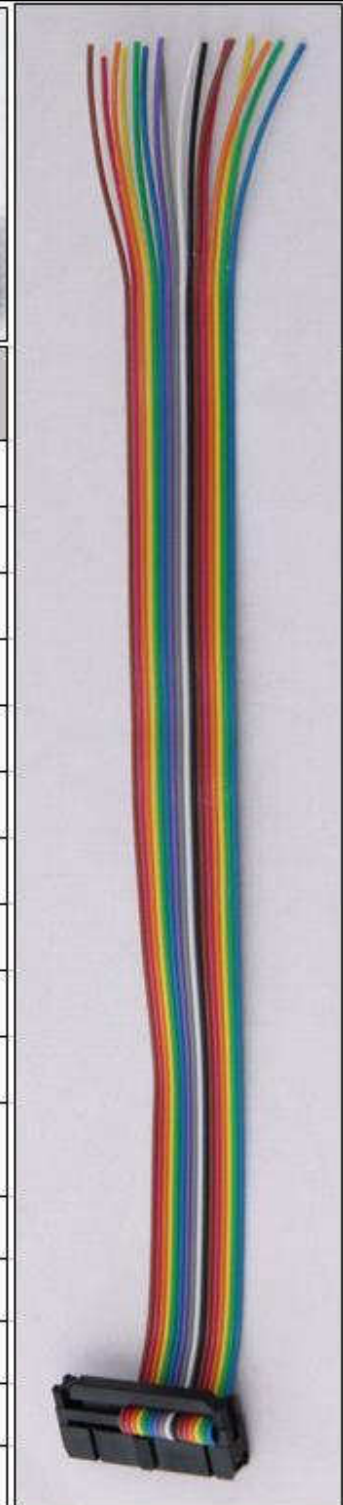
# DENSO SH7058 MAZDA

**DIRECT CONNECTION – ECU READING:**
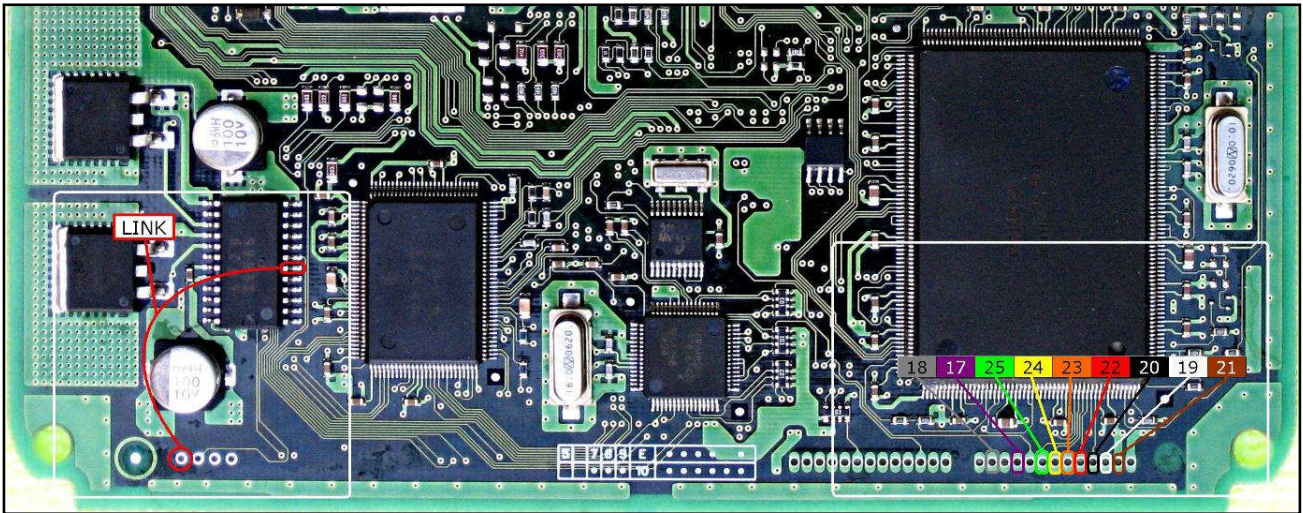For the READING procedure use the FLAT cable F34NTF53



| 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 | Blu / Blue |
| 17 | Viola / Violet |
| 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 |

# DENSO SH7058 MAZDA

For a correct soldering procedure clean very well the soldering lay-by pins from the plastic film. We suggest you to use a fine grit glass-paper smoothing by gentle pressure the lay by pins connection.
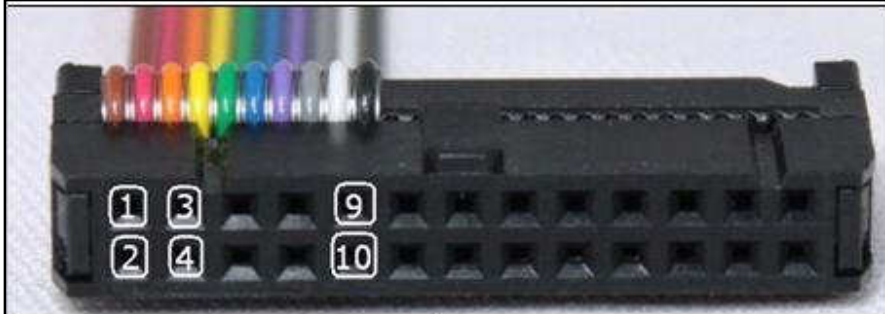In order to read it is necessary to link the 2 pads (make a little bridge) as shown in the picture here below. At the end of the correct reading remove the bridge.

# DENSO SH7058 MAZDA

**DIRECT CONNECTION – ECU WRITING:**
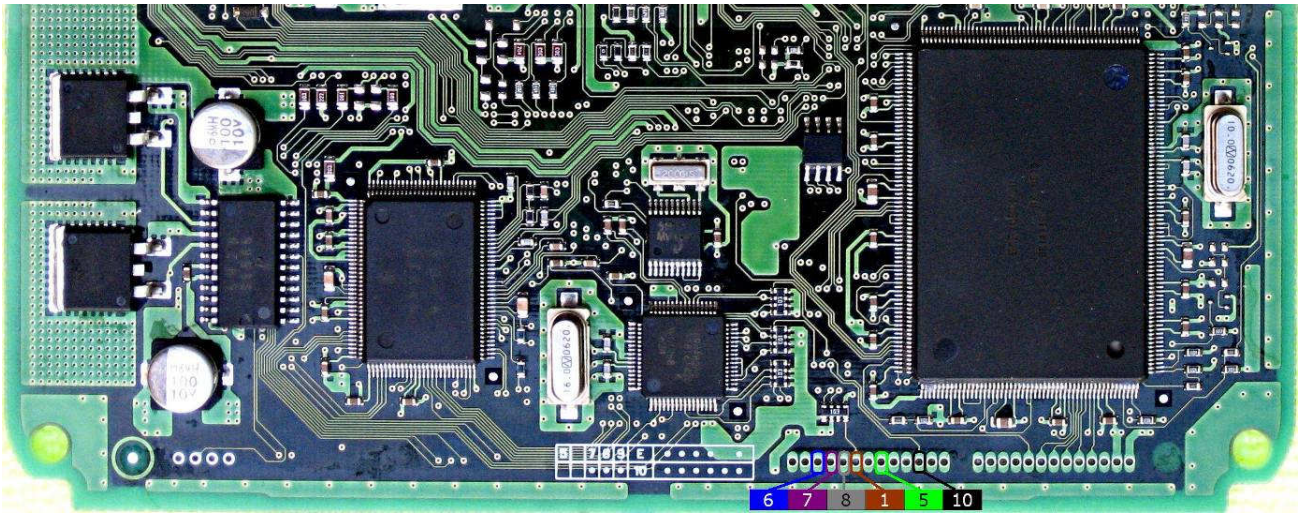For the WRITING procedure use the FLAT cable F34NTF51



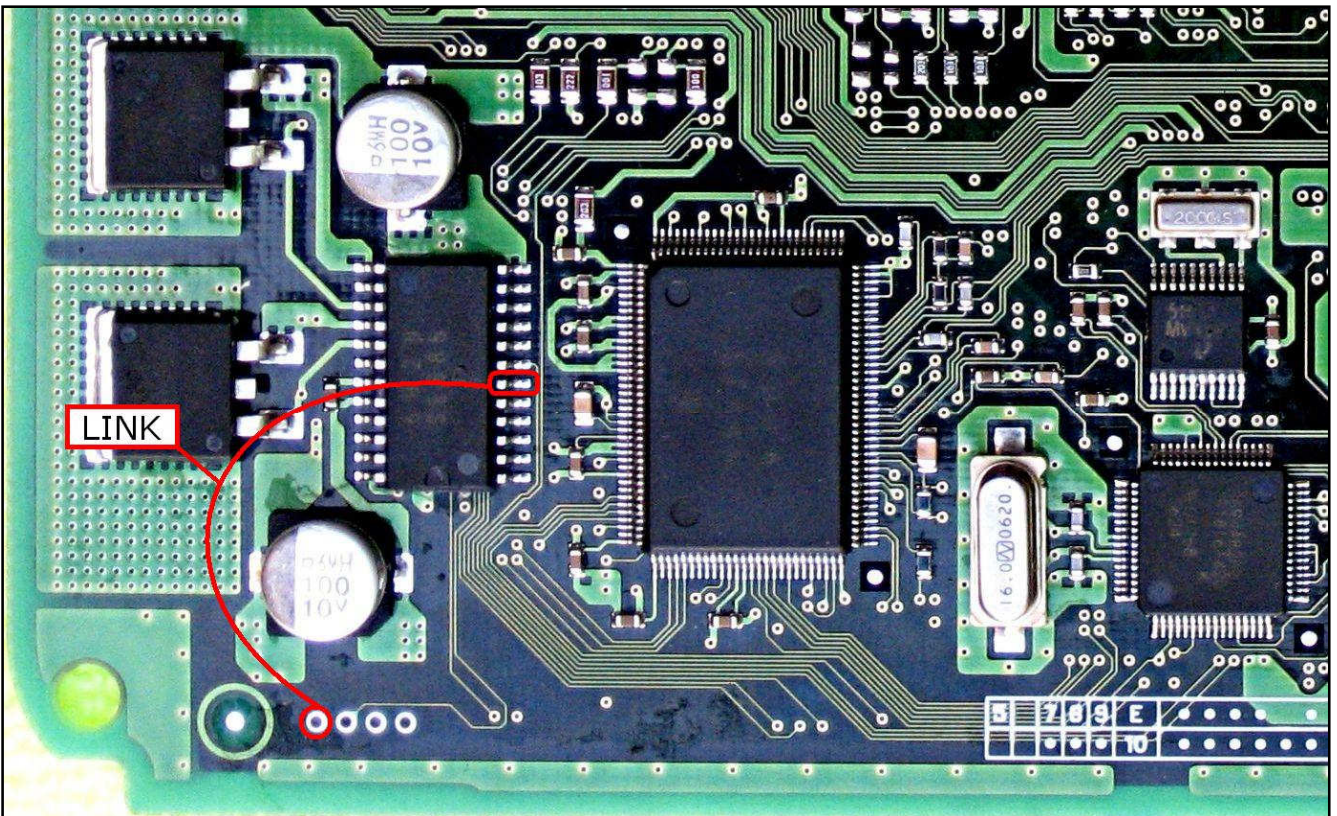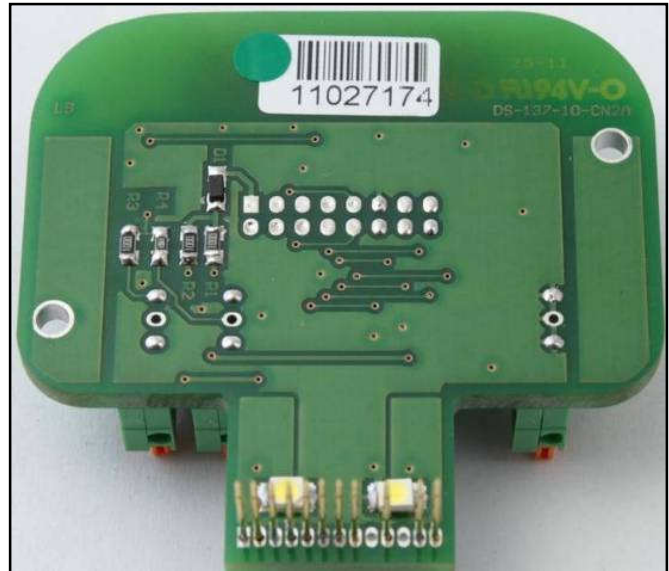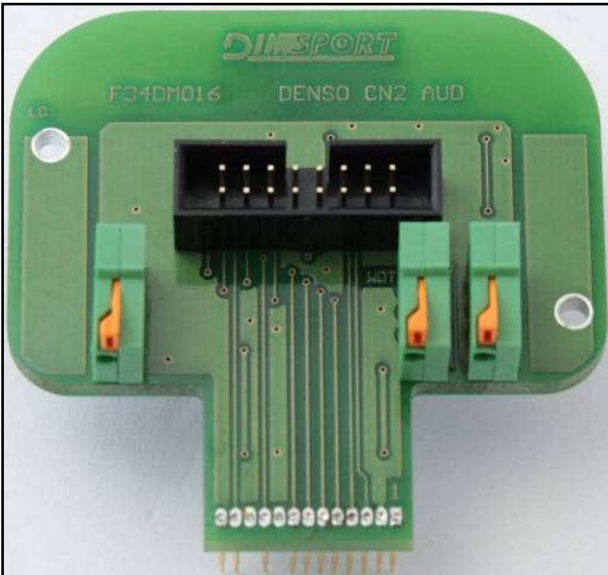| Pin | Colore<br>Colour |
|---|---|
| 1 | Marrone<br>Brown |
| 2 | Non usato<br>Not used |
| 3 | Non usato<br>Not used |
| 4 | Giallo<br>Yellow |
| 5 | Verde<br>Green |
| 6 | Blu<br>Blue |
| 7 | Viola<br>Violet |
| 8 | Grigio<br>Grey |
| 9 | Bianco<br>White |
| 10 | Nero<br>Black |

# DENSO SH7058 MAZDA

For a correct soldering procedure clean very well the soldering lay-by pins from the plastic film. We suggest you to use a fine grit glass-paper smoothing by gentle pressure the lay by pins connection.
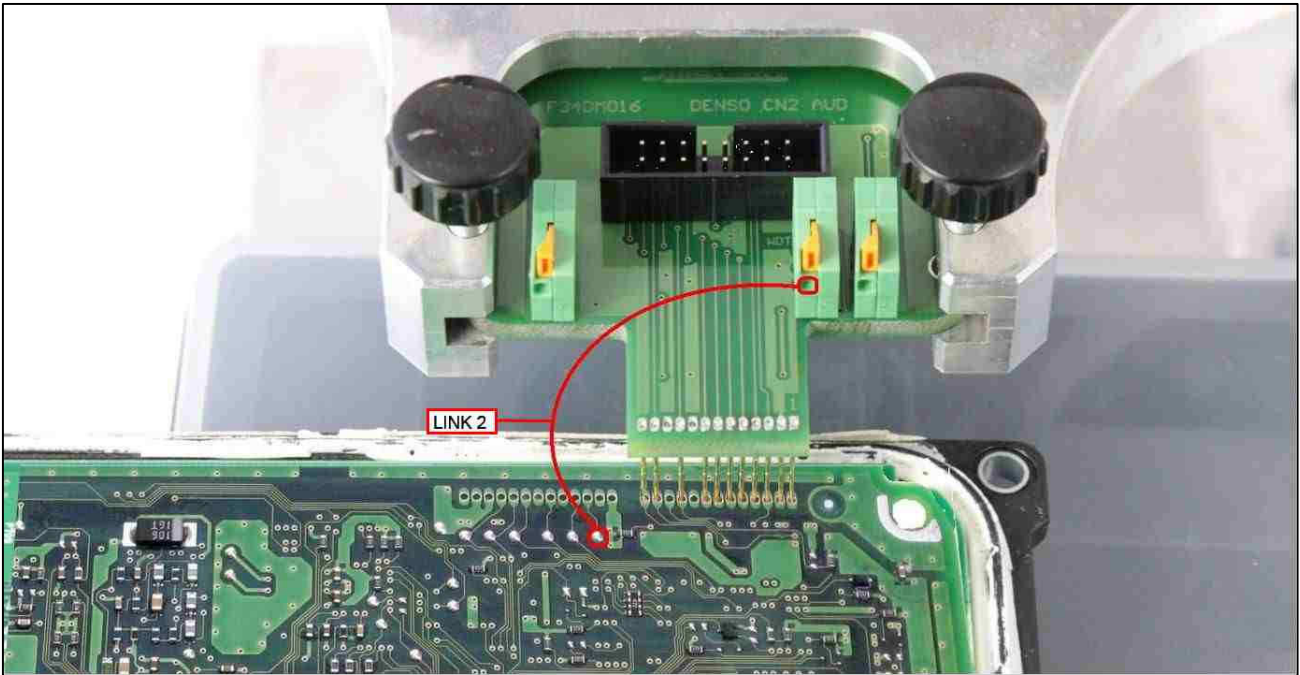
# DENSO SH7058 MAZDA

## DIMA CONNECTION – ECU READING

Power the ECU with the F32GN037C wiring. Use the DIMA adapter F34DM016.
The lay-by pins for the DIMA connection are on the BOTTOM SIDE of the ecu, but in order to read it is necessary to solder the bridge LINK on the TOP SIDE of the ecu (as for the direct connection). Then create the LINK2 by connecting the WDT with a wire to the pad shown in the picture here below

# DENSO SH7058 MAZDA

# DENSO SH7058 MAZDA

## DIMA CONNECTION – ECU WRITING
Power the ECU with the F32GN037C wiring. Use the DIMA adapter F34DM017.