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Invenco G6 OPT Internal Photographs





Figure 1 Bezel removed showing Contactless Circuit Antenna (Bezel up- Normal position)



Figure 2 Bezel removed close up on rear side

Bezel removed close up on rear side showing the contactless circuit antenna and antenna tail connection points that go to the circuit board.

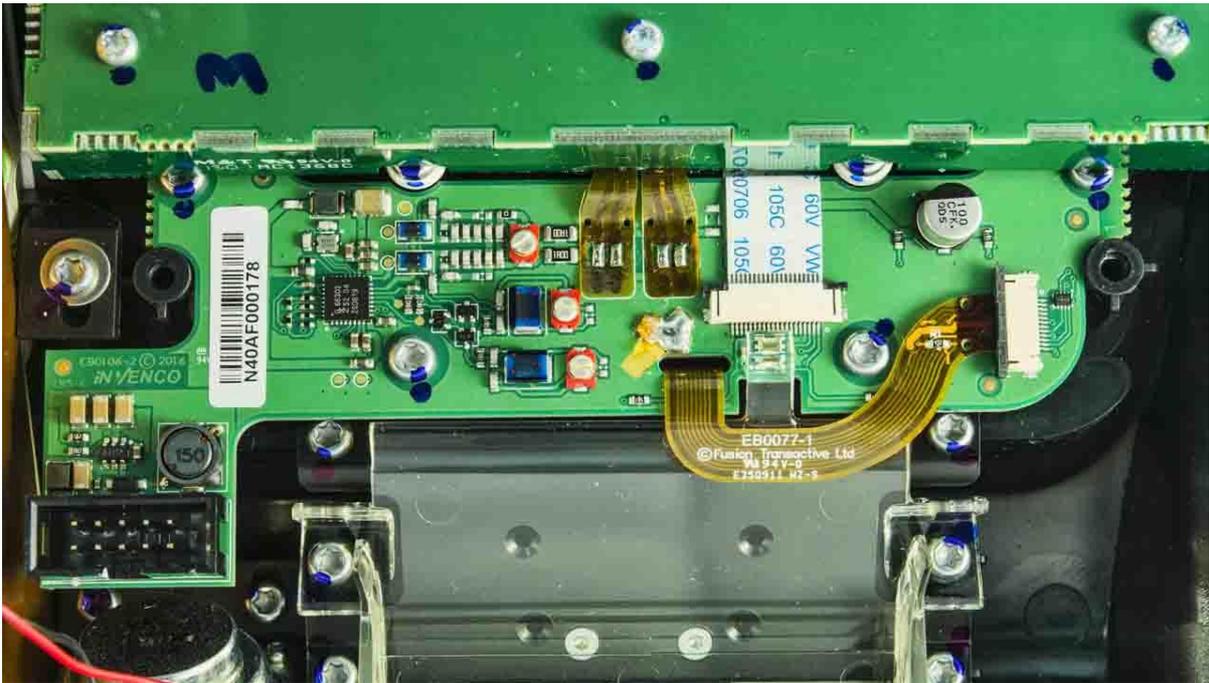


Figure 3 Contactless transceiver circuit board showing components from the top

Contactless circuit board with the white FFC connection to the serial port interface on the Secure Display Module. The Flexible Printed Circuit connection to the barcode reader interface.

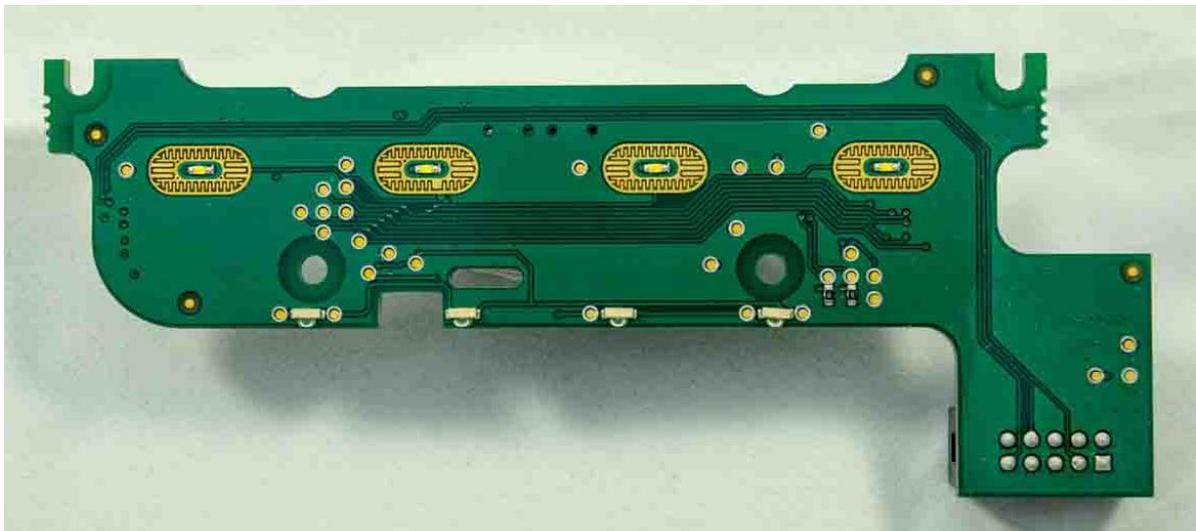


Figure 4 Contactless transceiver circuit board showing components from underneath

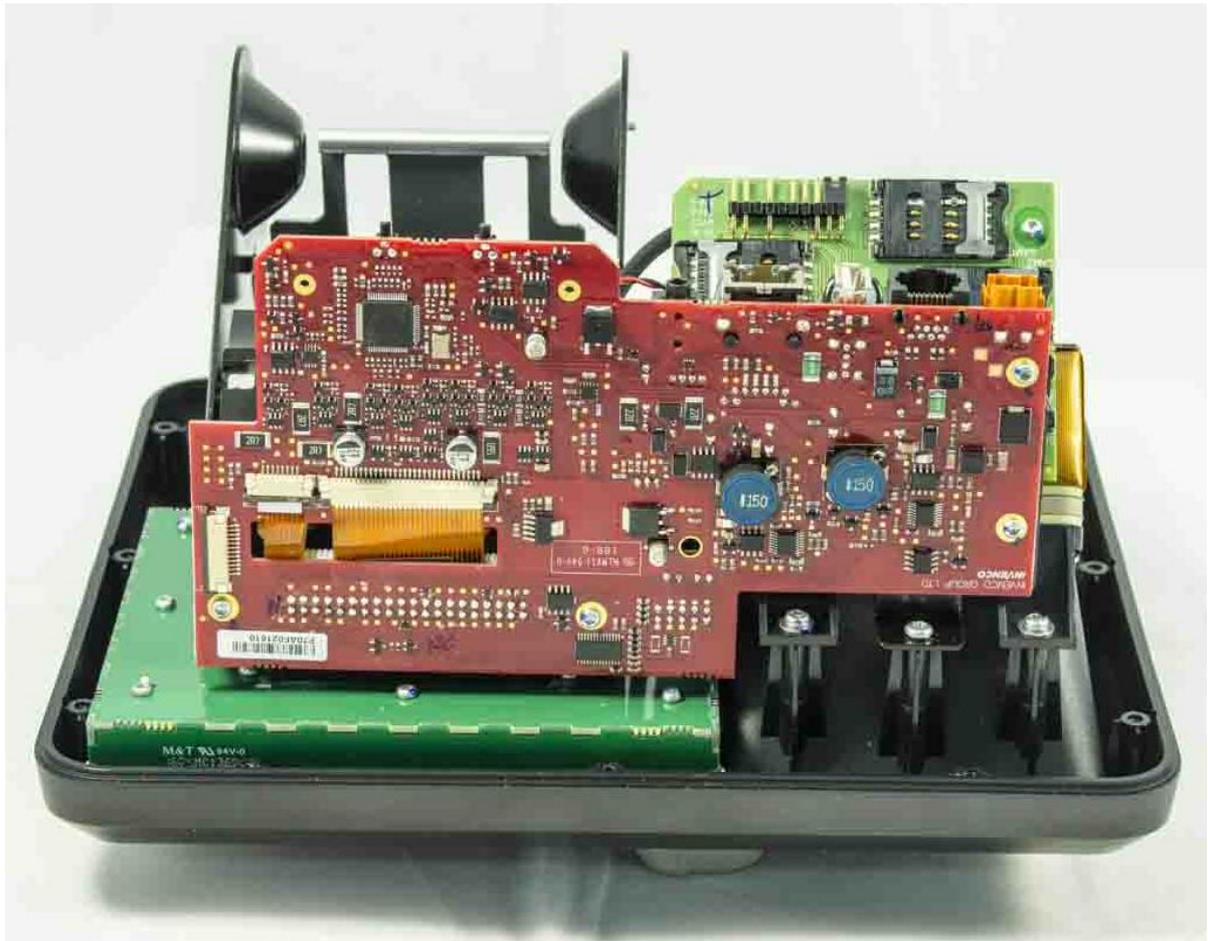


Figure 5 Power supply module from the top

Some boards were produced with red solder mask; others were produced with green solder mask.



Figure 6 Printer chute and power supply board

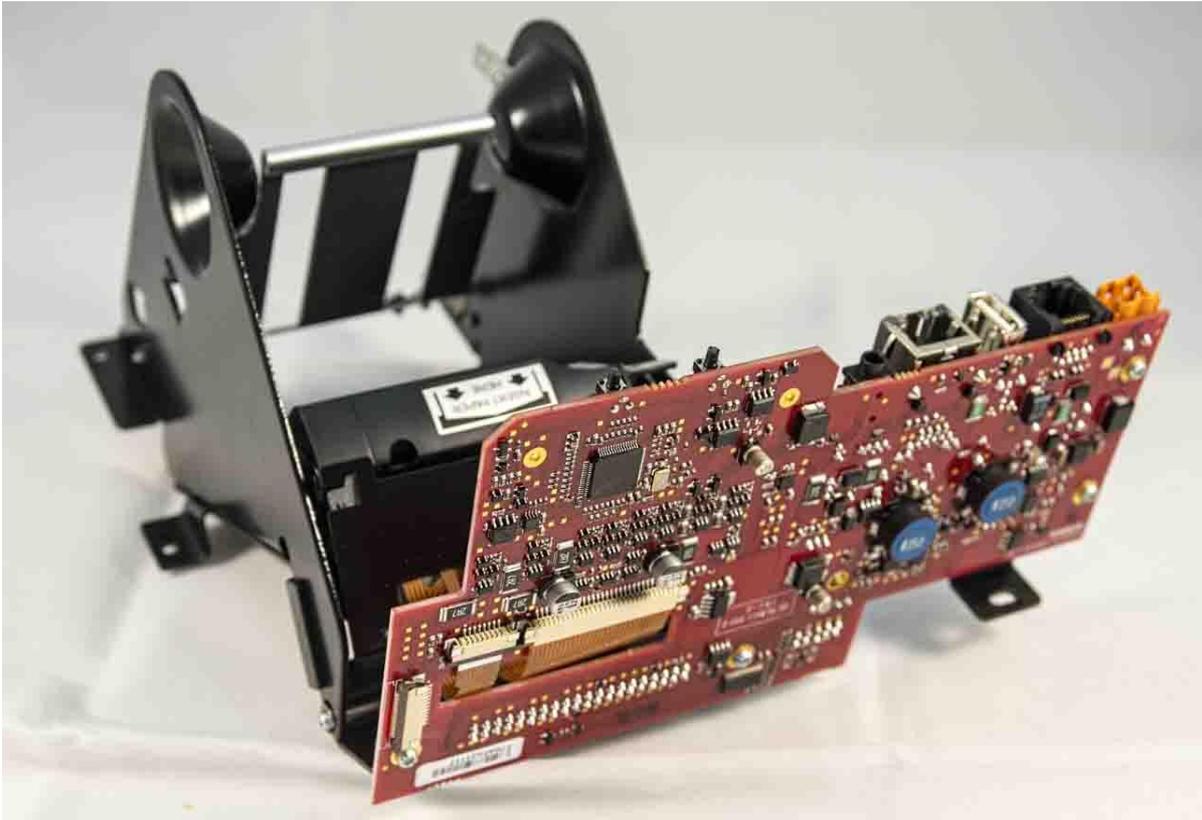


Figure 7 Power supply board and printer chute

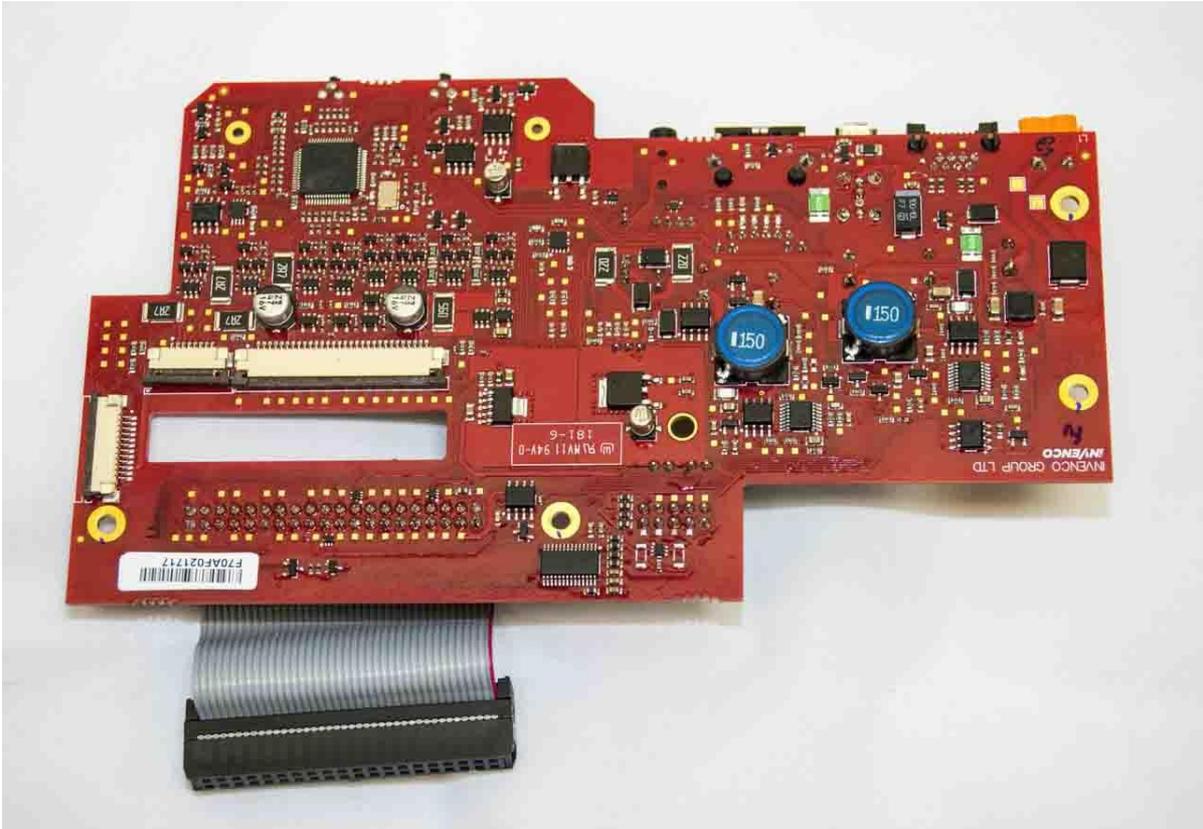


Figure 8 Power module topside

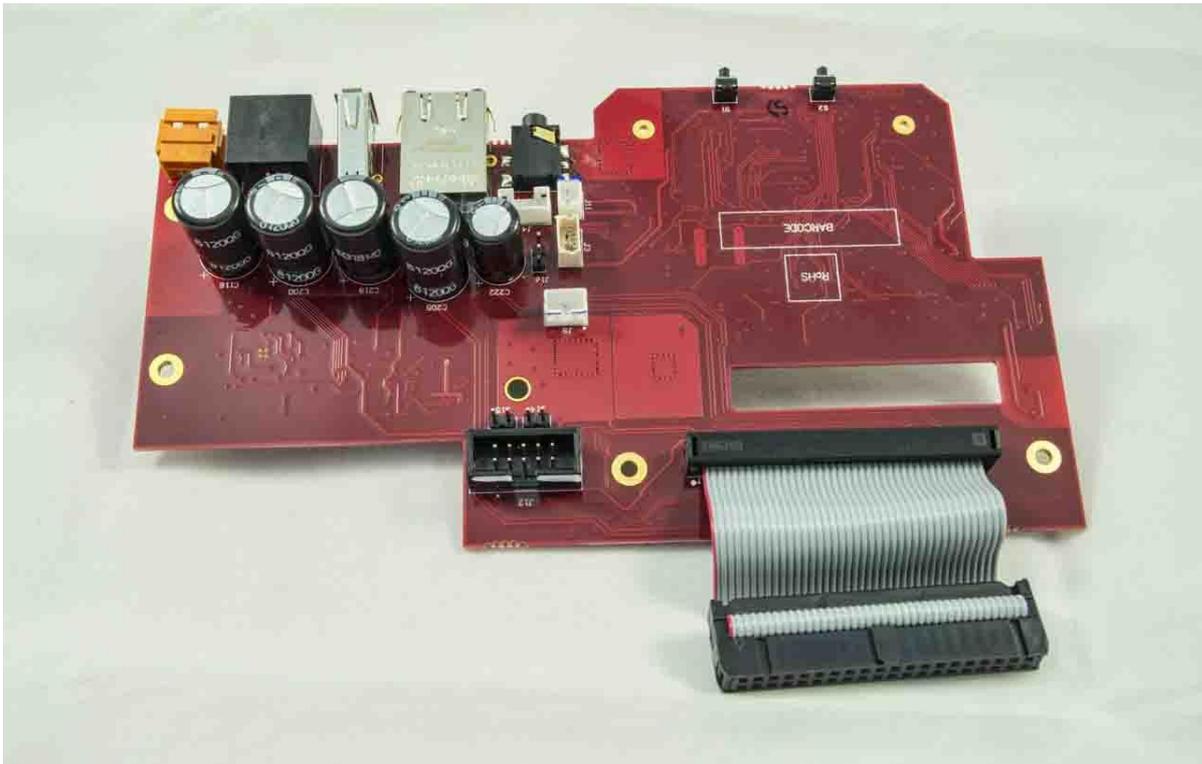


Figure 9 Power module from underneath



Figure 10 Front housing inside, in white variant

Front housing from the front with bezel and antenna in place. The antenna connector tail can just be seen behind the bezel.

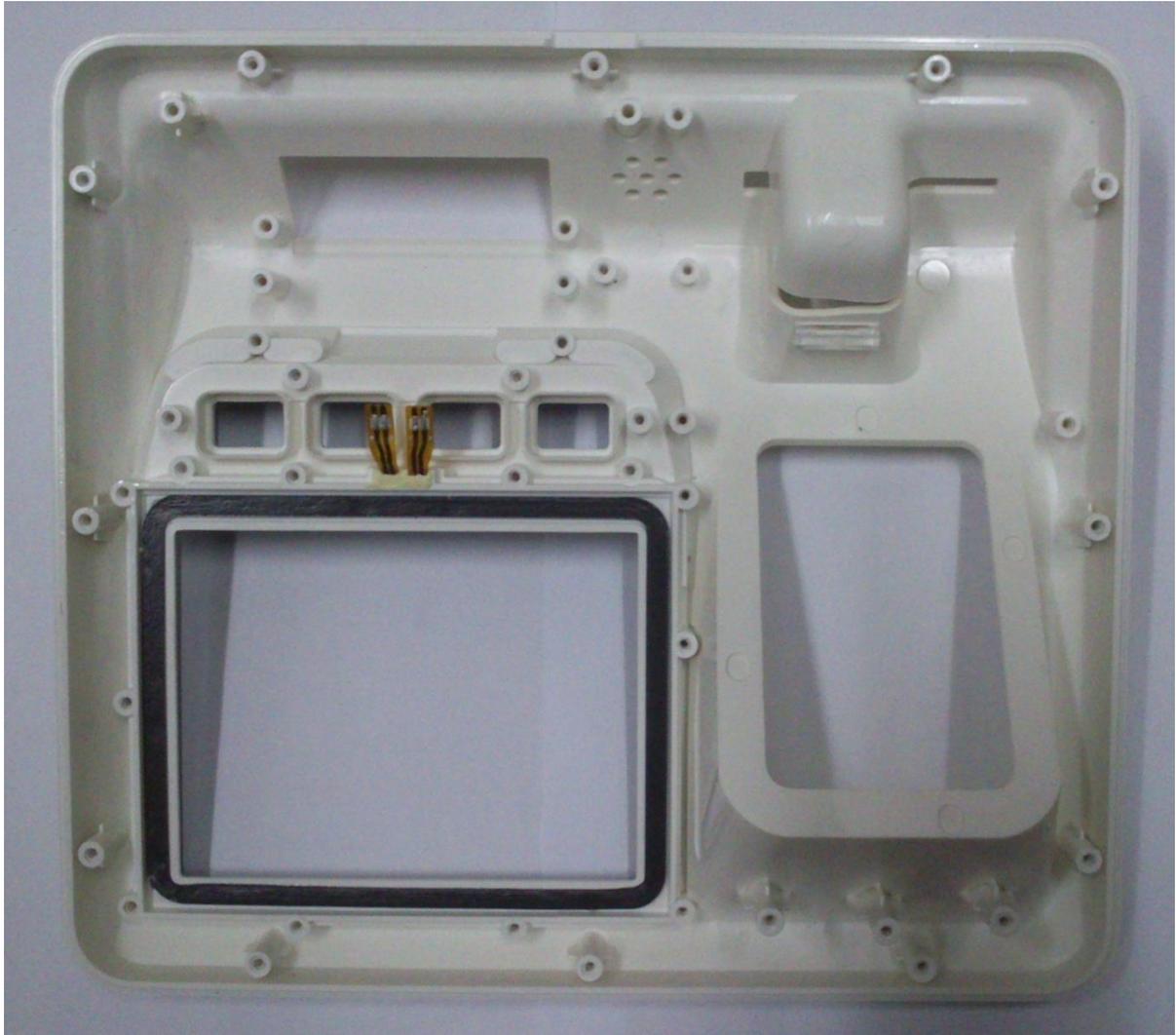


Figure 11 Front housing, in white variant

Front housing from inside showing how the antenna tails pass through to the circuit board.



Figure 12 LCD panel removed from housing

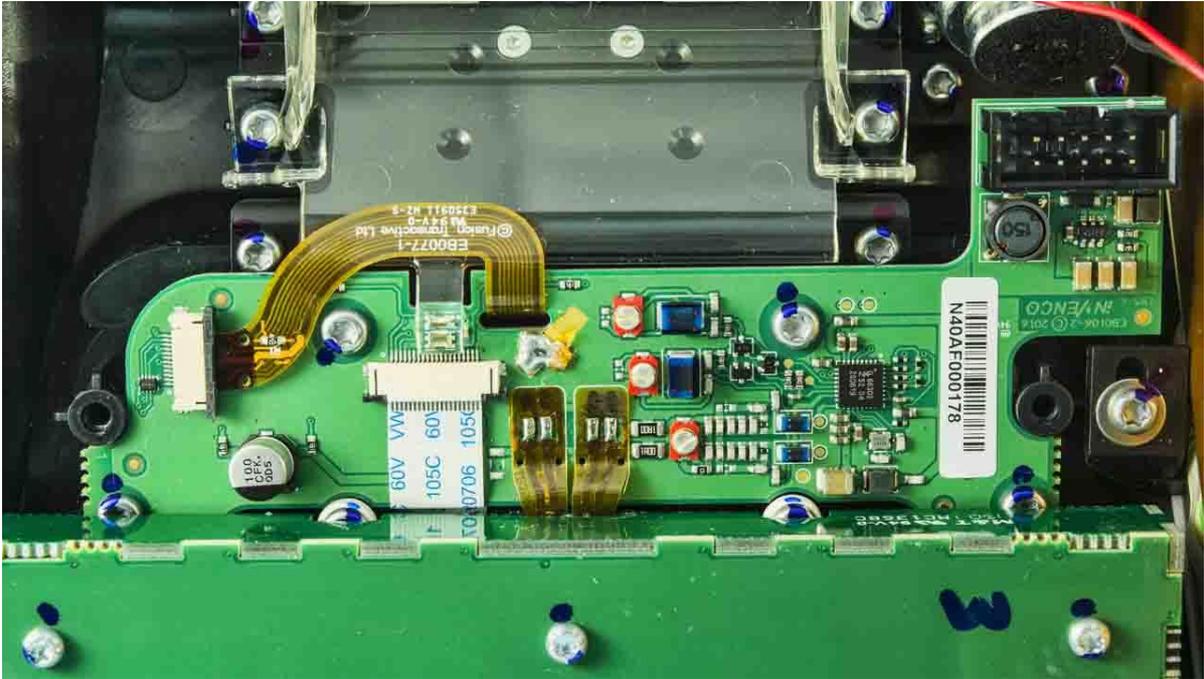


Figure 13 Contactless antenna board

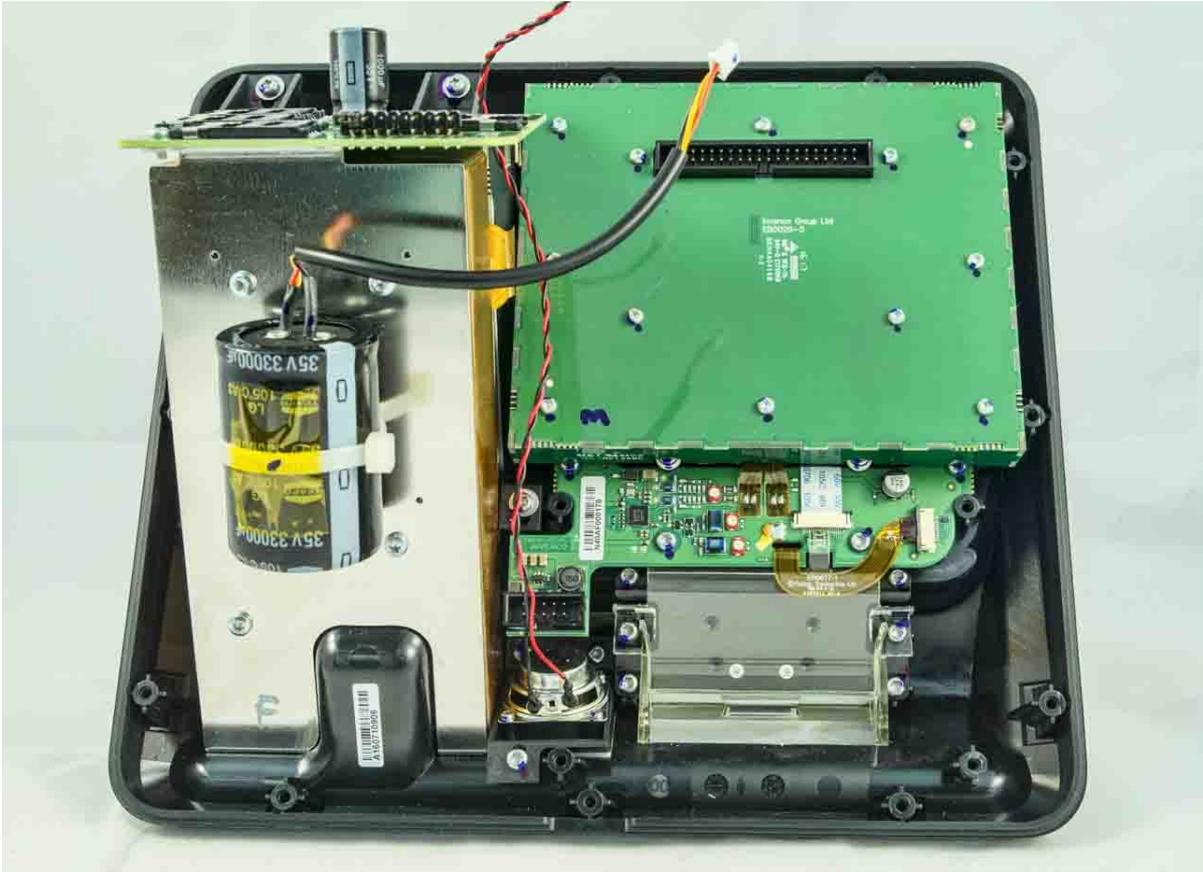


Figure 14 Secure display module attached

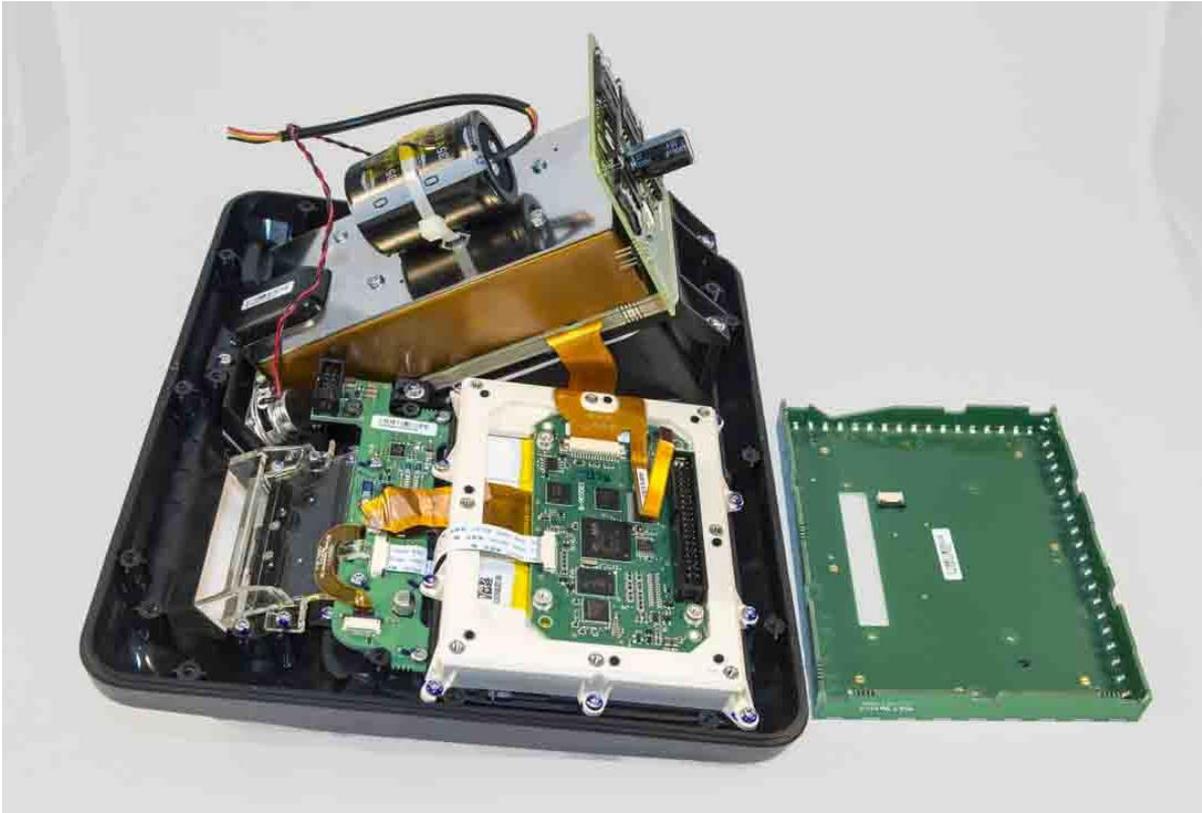


Figure 15 Security fence box removed exposing Secure Display Controller

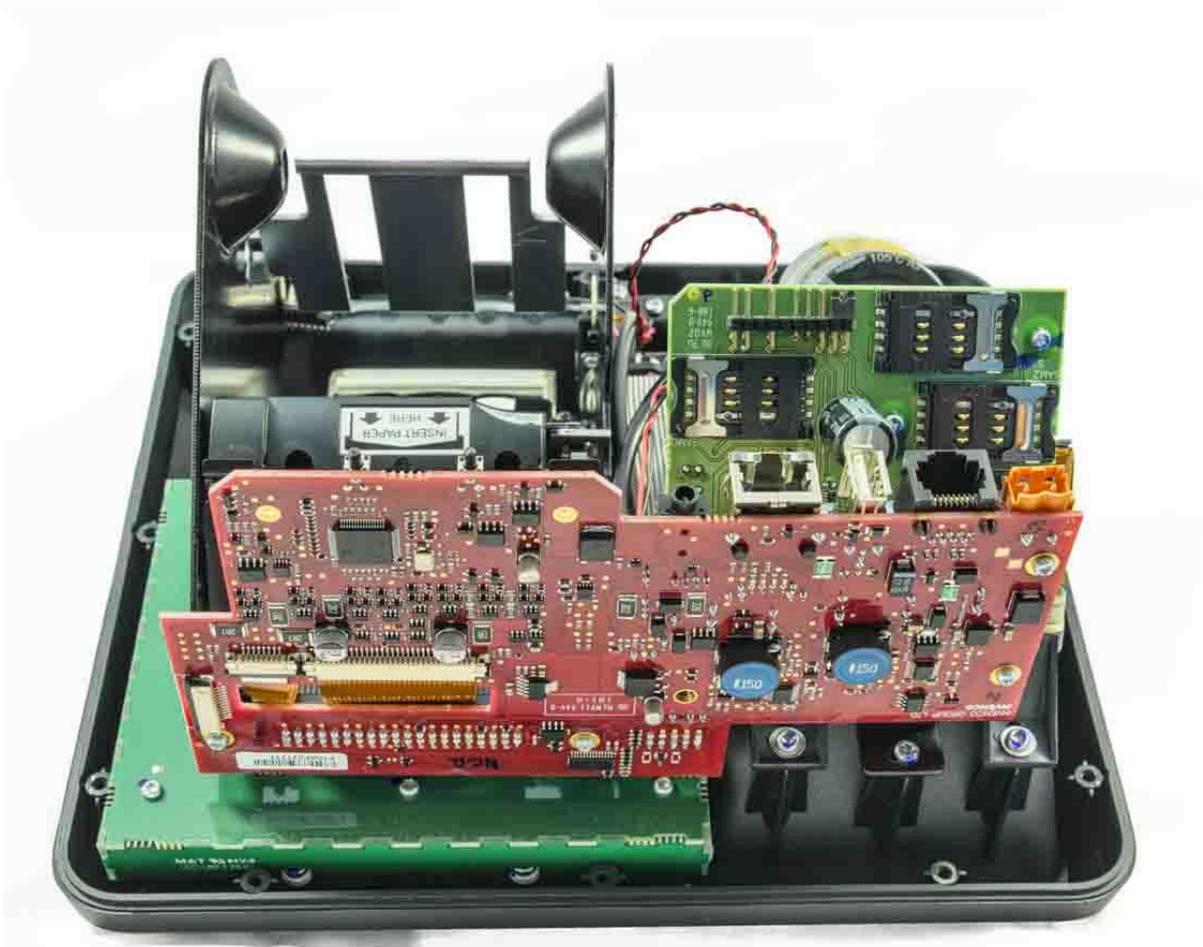


Figure 16 Completed electronic assembly without rear case

Completed electronic assembly with rear case off, power board can be seen in the lower part of this picture.



Figure 17 Unified Pin-pad and Card reader

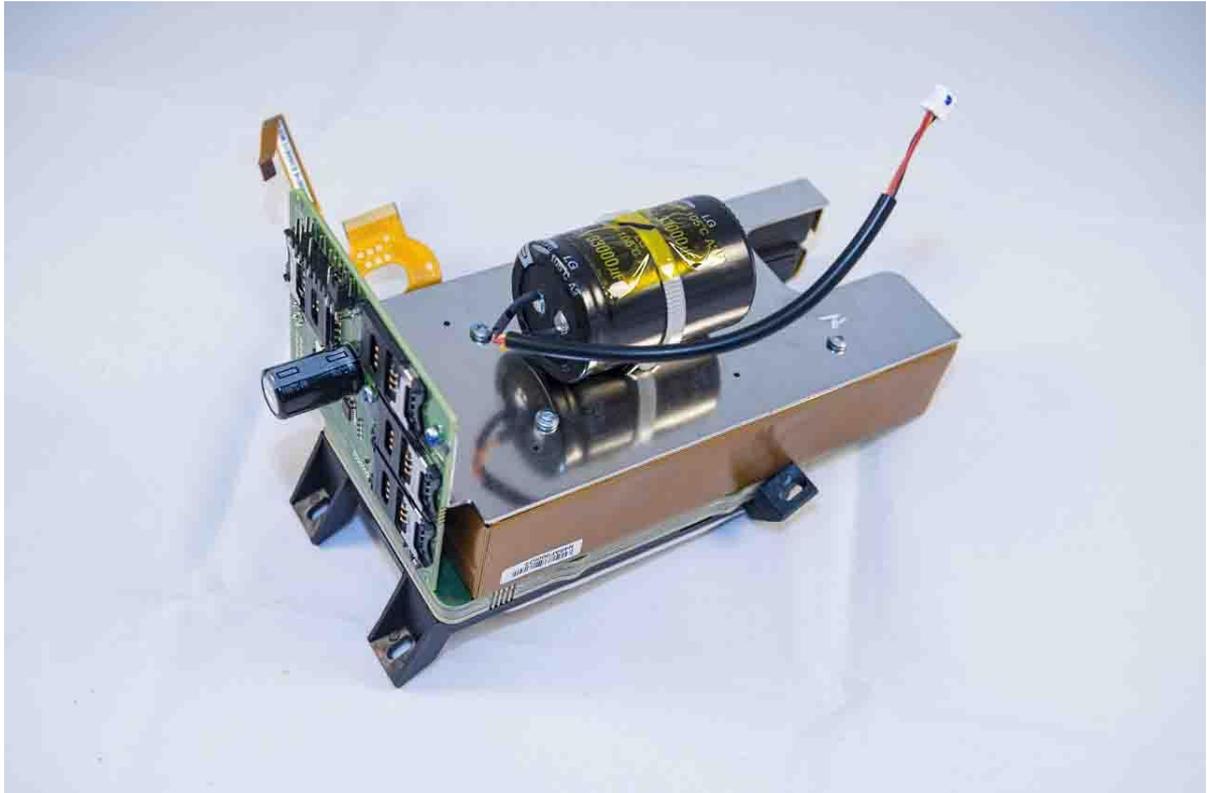


Figure 18 Unified Pin-pad and Card reader rear

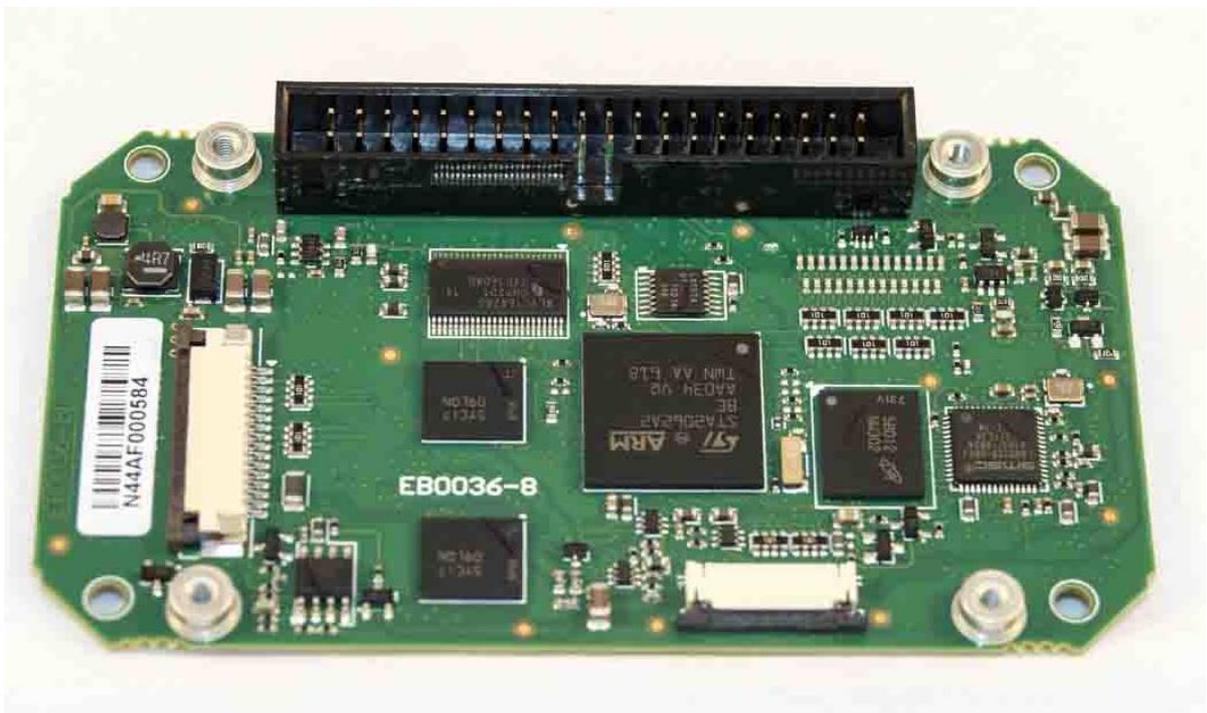


Figure 19 Secure Display Unit (SDU) top

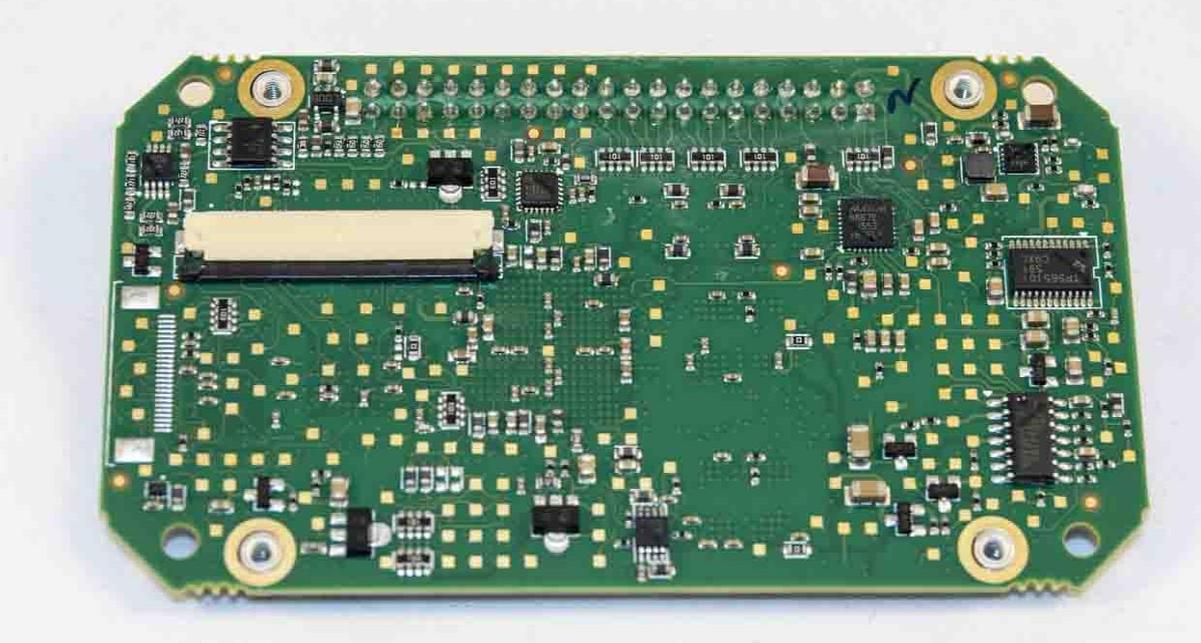


Figure 20 Secure Display Unit (SDU) bottom



Figure 21 UPC SAM board top



Figure 22 UPC SAM board bottom

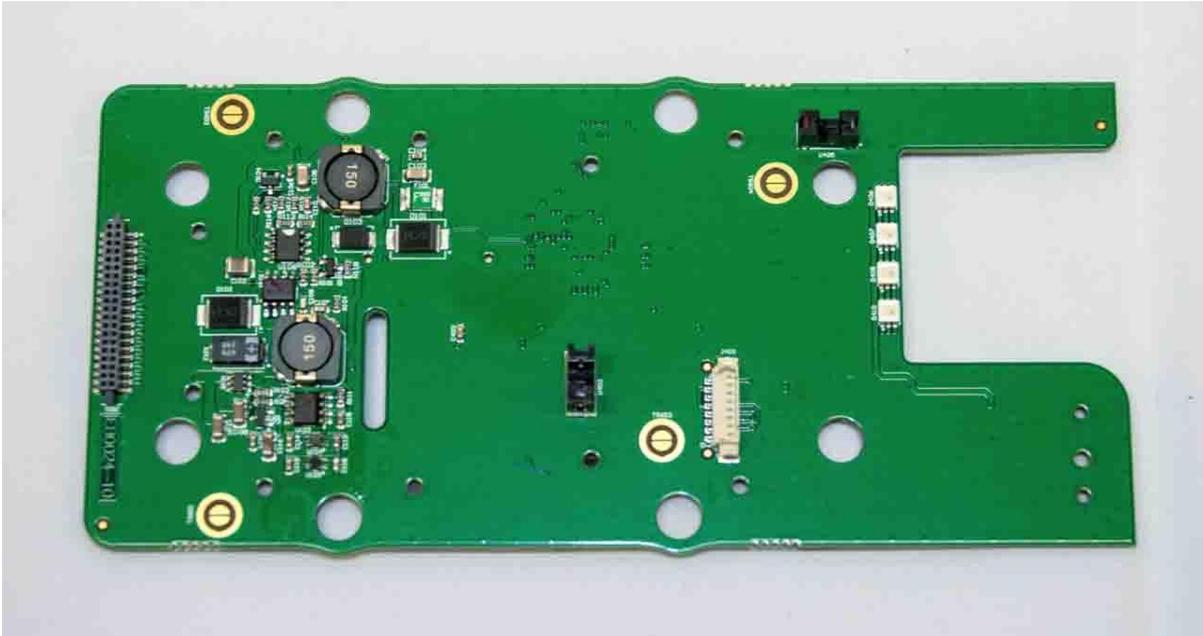


Figure 23 UPC main board

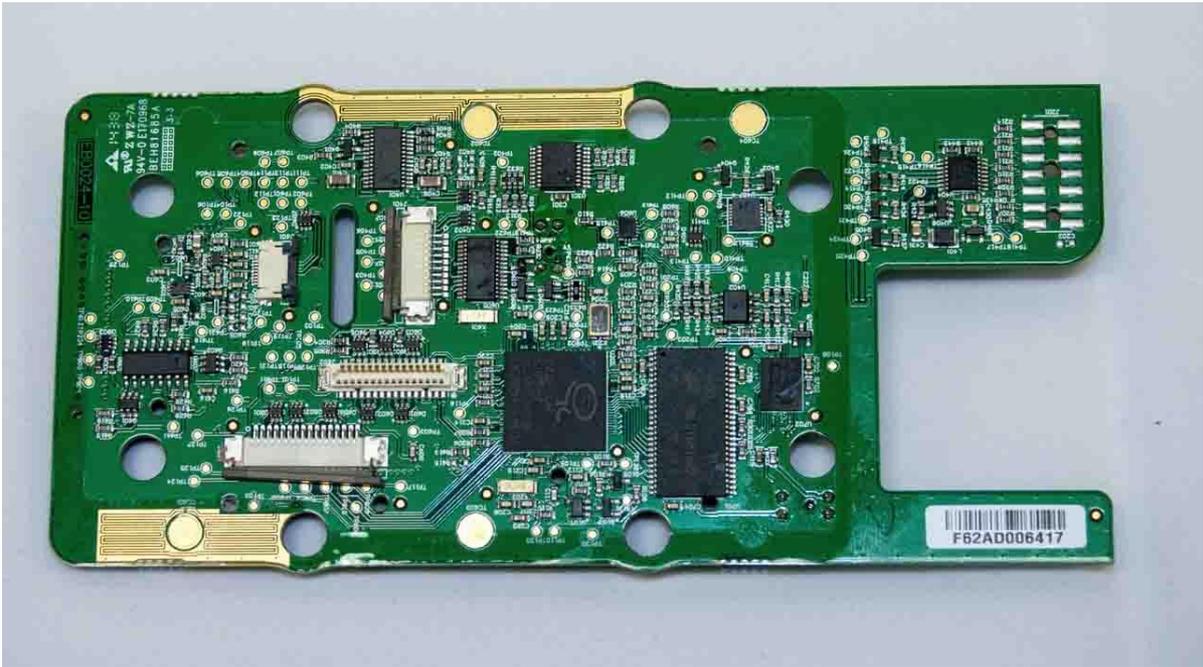


Figure 24 UPC main board