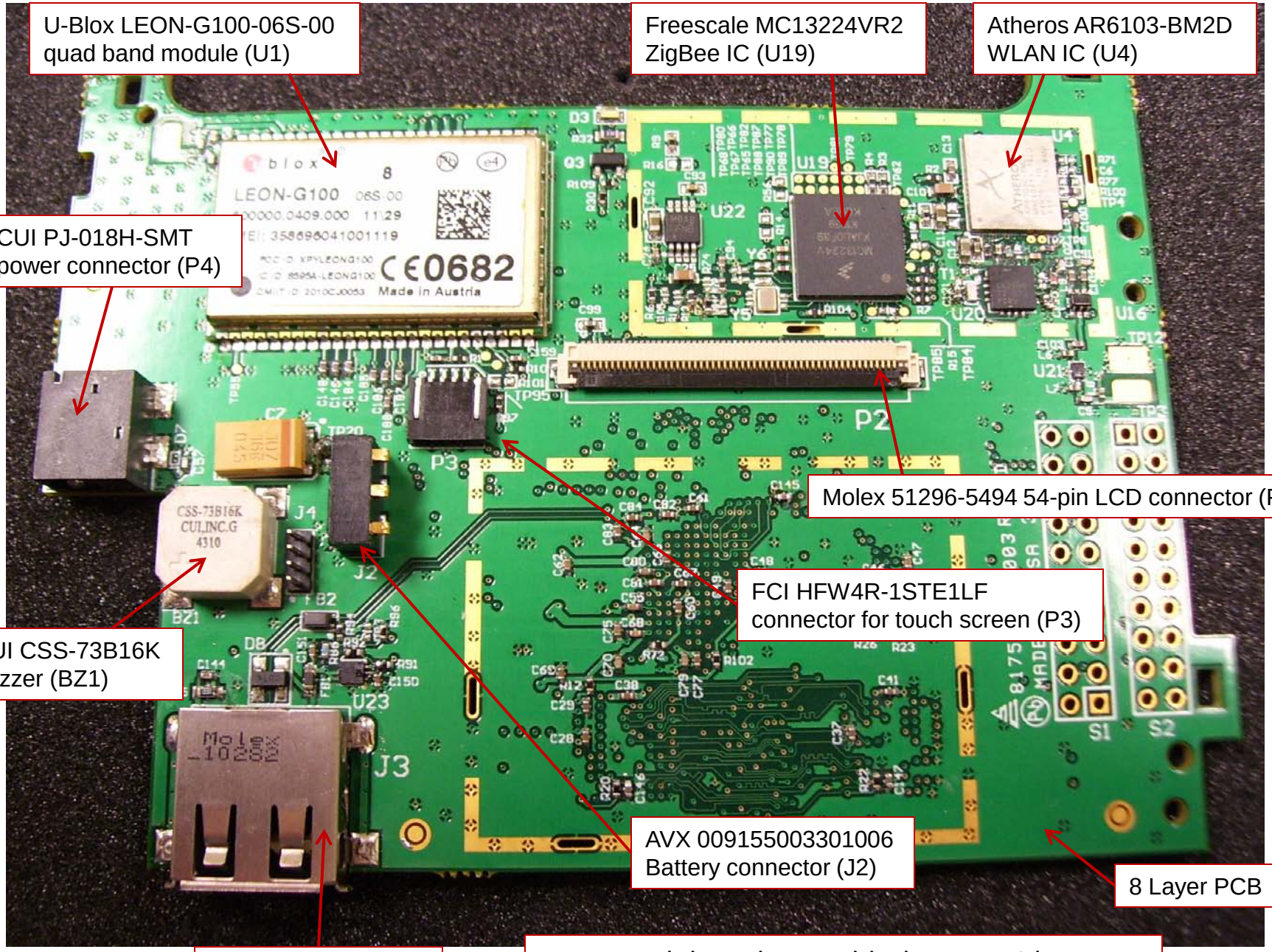
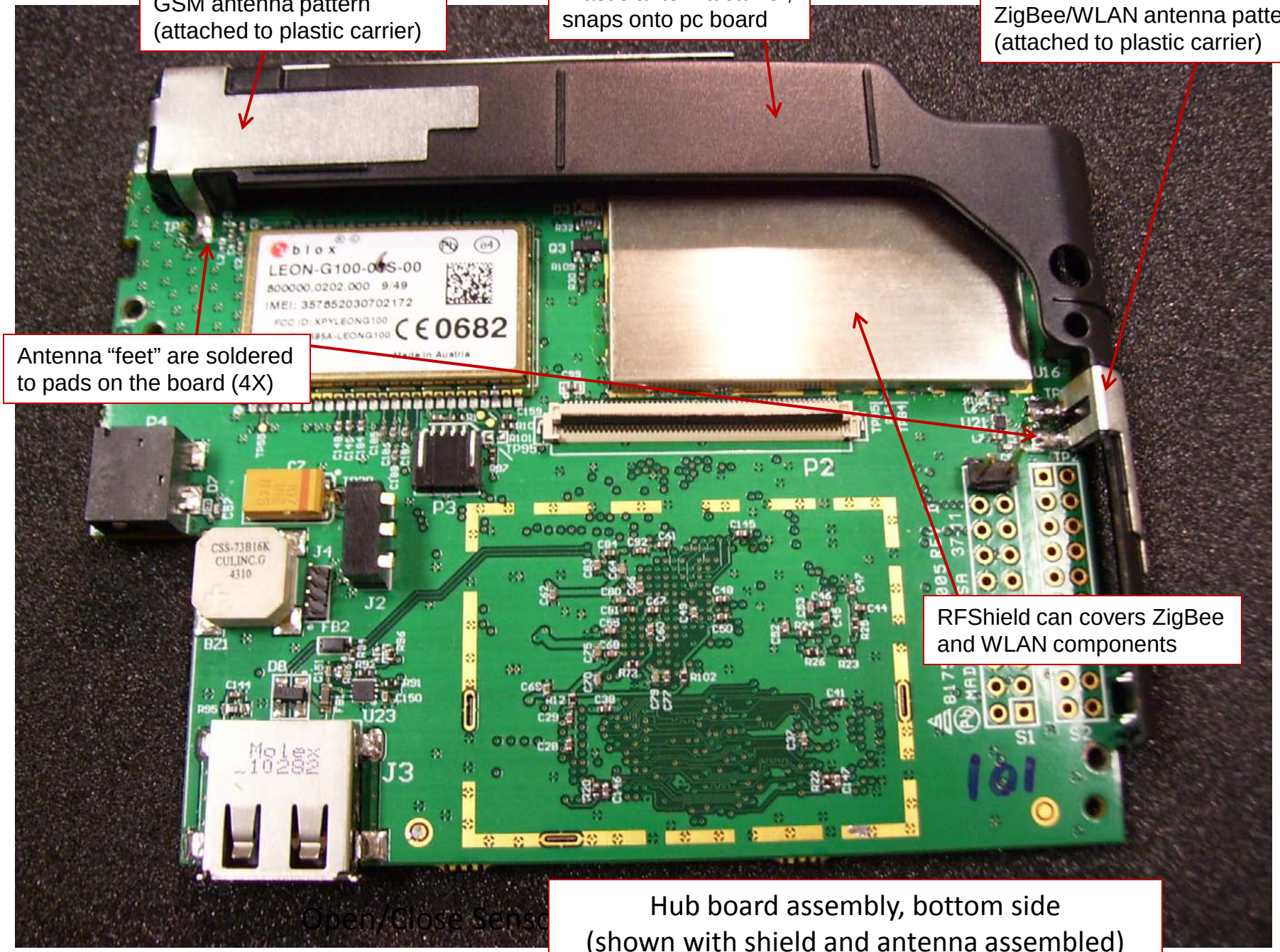
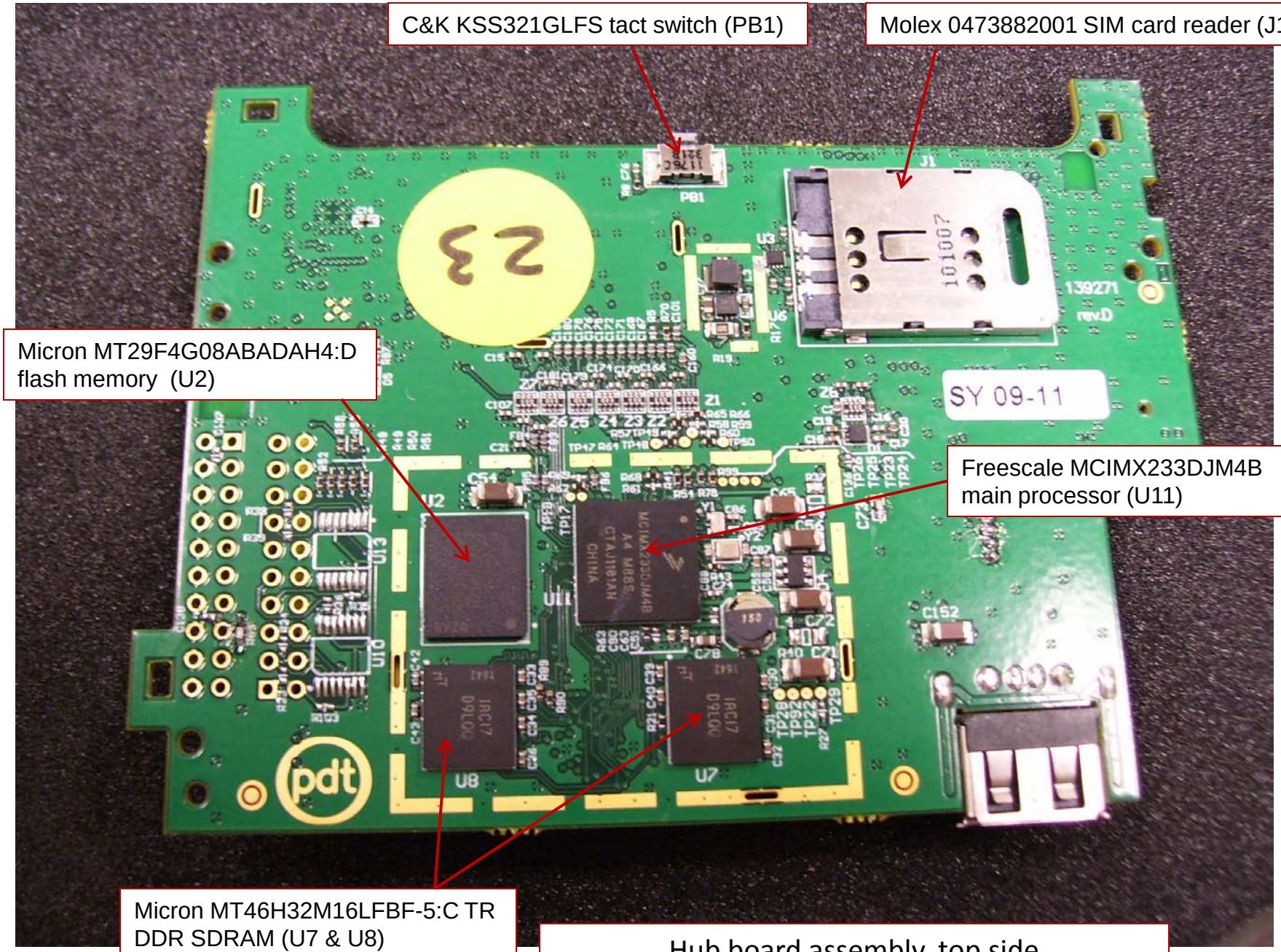
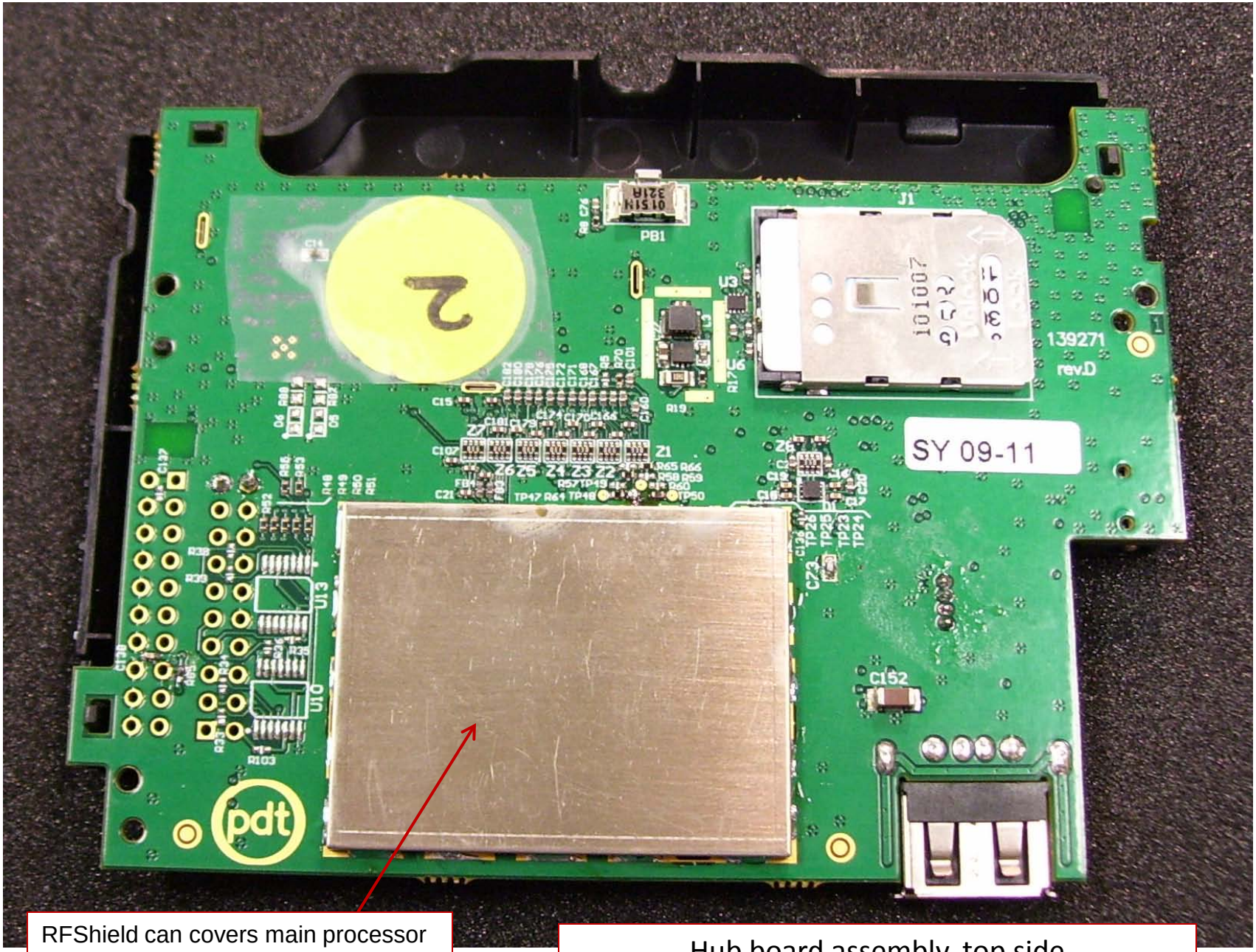
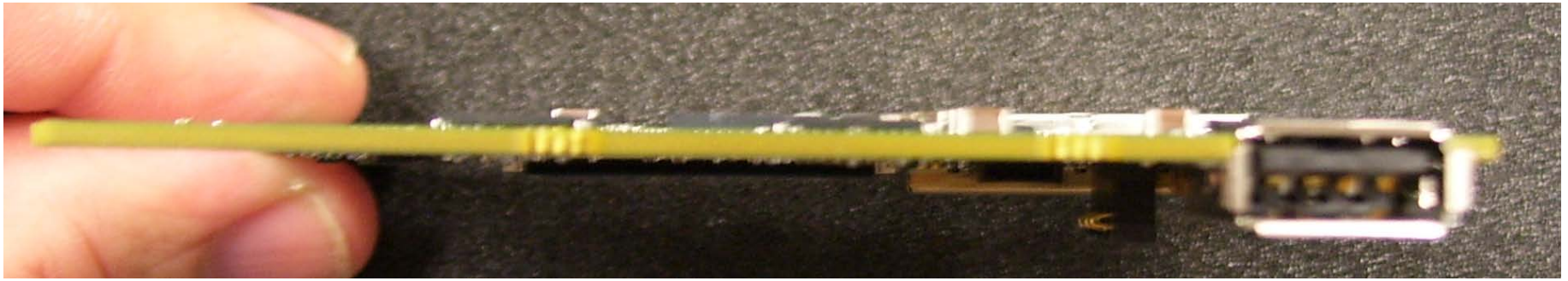

U-Blox LEON-G100-06S-00
quad band module (U1)
Freescale MC13224VR2
ZigBee IC (U19)
Atheros AR6103-BM2D
WLAN IC (U4)
CUI PJ-018H-SMT
power connector (P4)
Molex 51296-5494 54-pin LCD connector (P2)
FCI HFW4R-1STE1LF
connector for touch screen (P3)
CUI CSS-73B16K
buzzer (BZ1)
AVX 009155003301006
Battery connector (J2)
8 Layer PCB
Molex 48258-0001
USB receptacle (J3)
Hub board assembly, bottom side
(shown with shield and antenna removed)


GSM antenna pattern
(attached to plastic carrier)
Plastic antenna carrier,
snaps onto pc board
ZigBee/WLAN antenna pattern
(attached to plastic carrier)
Antenna “feet” are soldered
to pads on the board (4X)
RFShield can covers ZigBee
and WLAN components
Hub board assembly, bottom side
(shown with shield and antenna assembled)

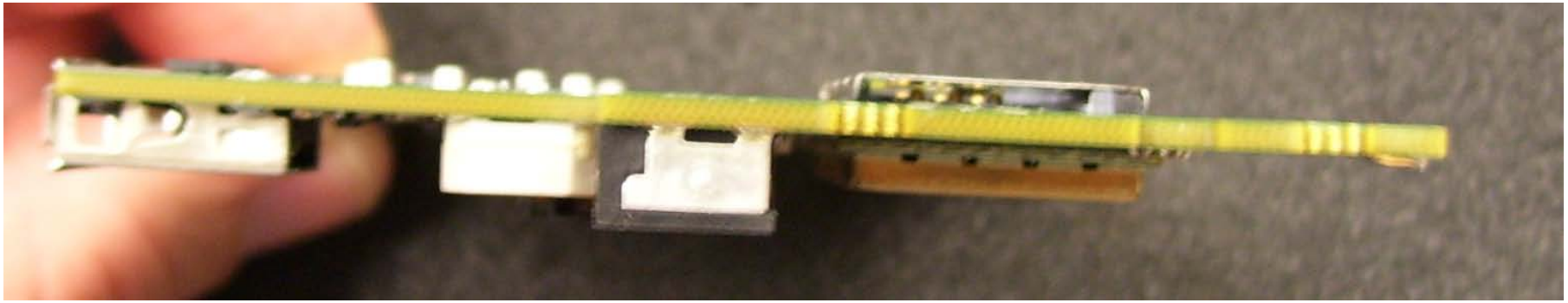

C&K KSS321GLFS tact switch (PB1)
Molex 0473882001 SIM card reader (J1)
Micron MT29F4G08ABADAH4:D
flash memory (U2)
Freescale MCIMX233DJM4B
main processor (U11)
Micron MT46H32M16LFBF-5:C TR
DDR SDRAM (U7 & U8)
Hub board assembly, top side
(shown with shield and antenna removed)



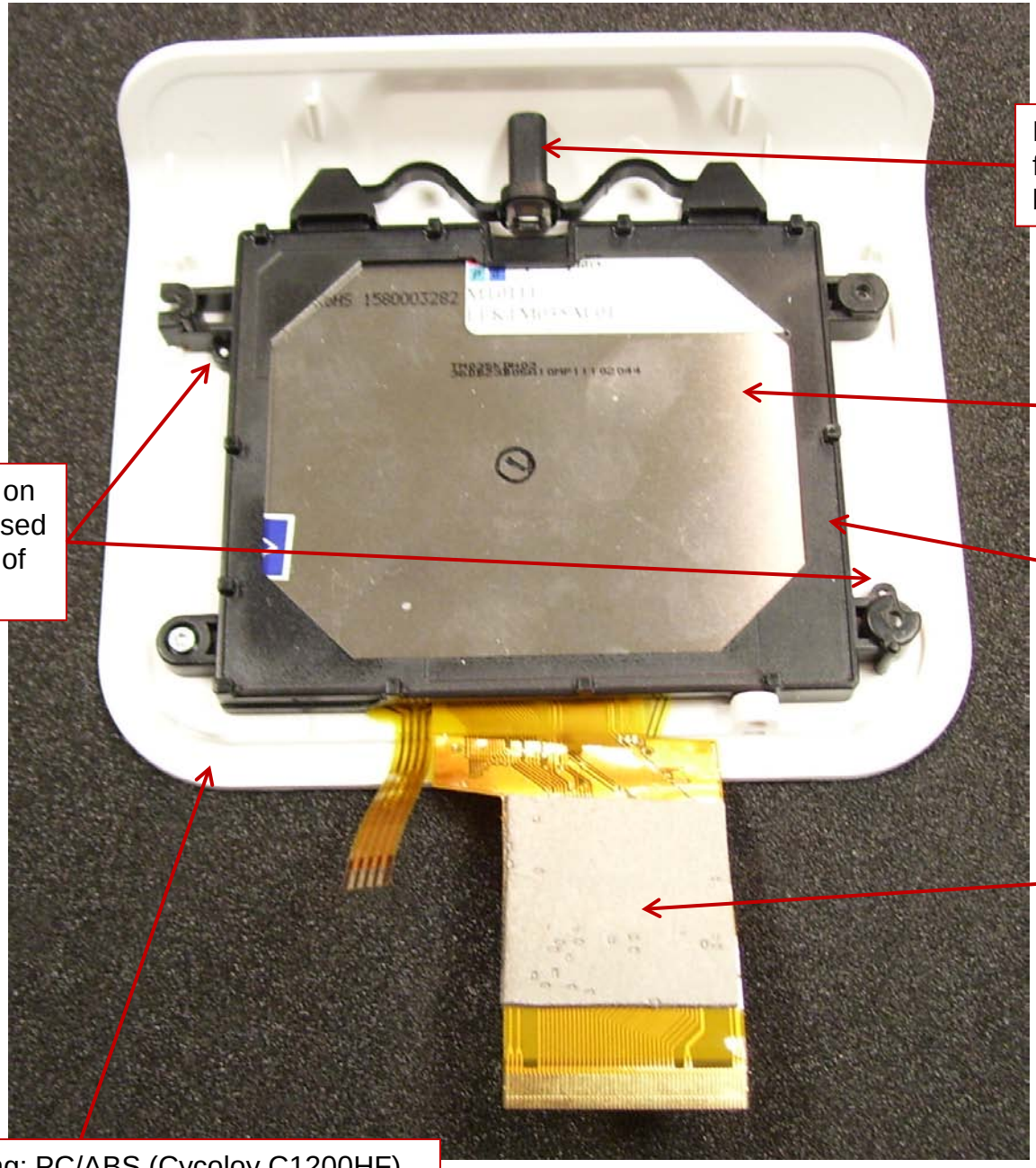
Hub board assembly, top side
(shown with shield and antenna assembled)



Hub Board Assembly, End View looking at USB connector



Hub Board Assembly, Side View



Button with light pipe mounts to front housing and is captivated by the LCD bracket.

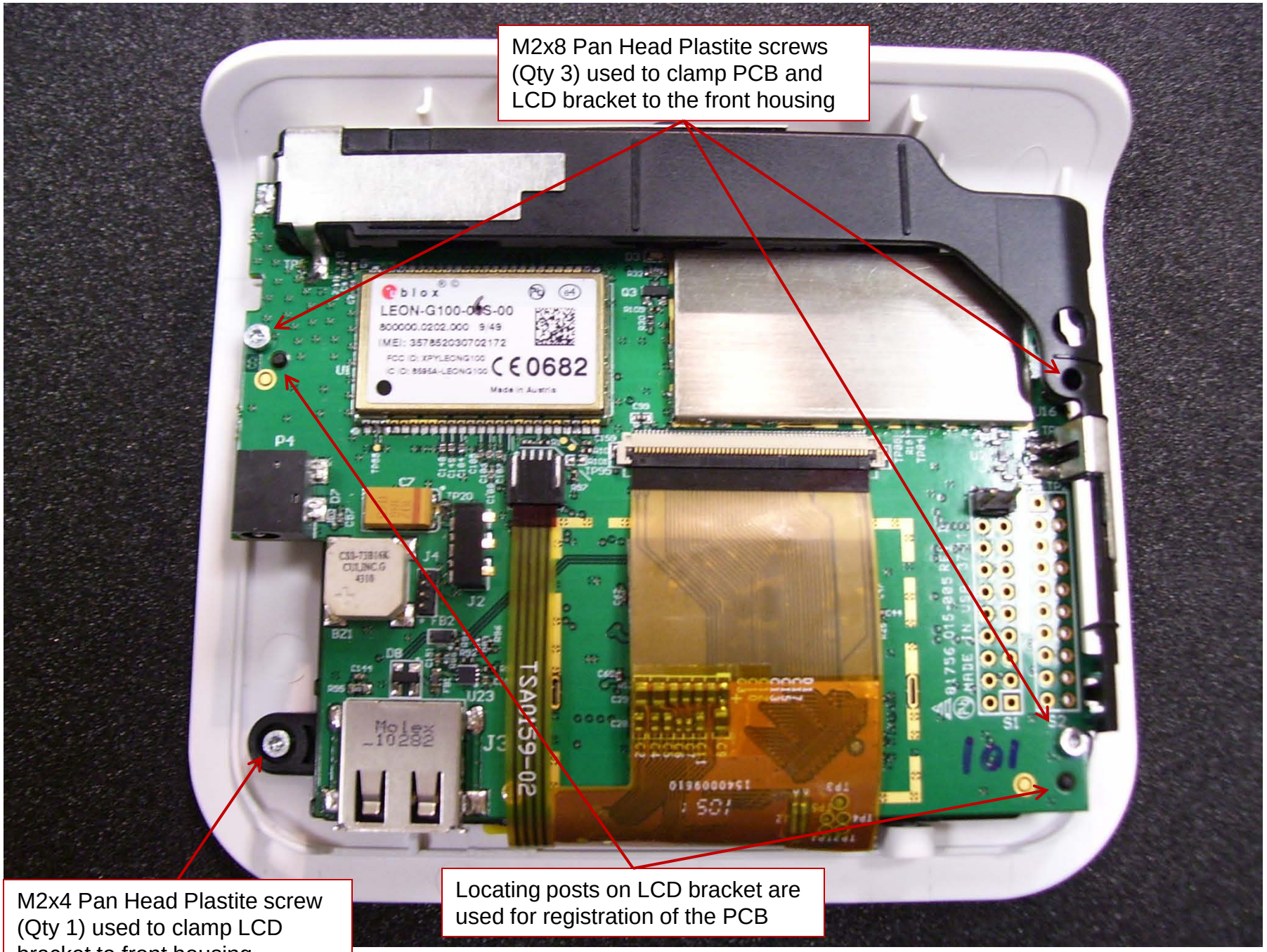
Elpa LCD display with 4-wire resistive touch screen.

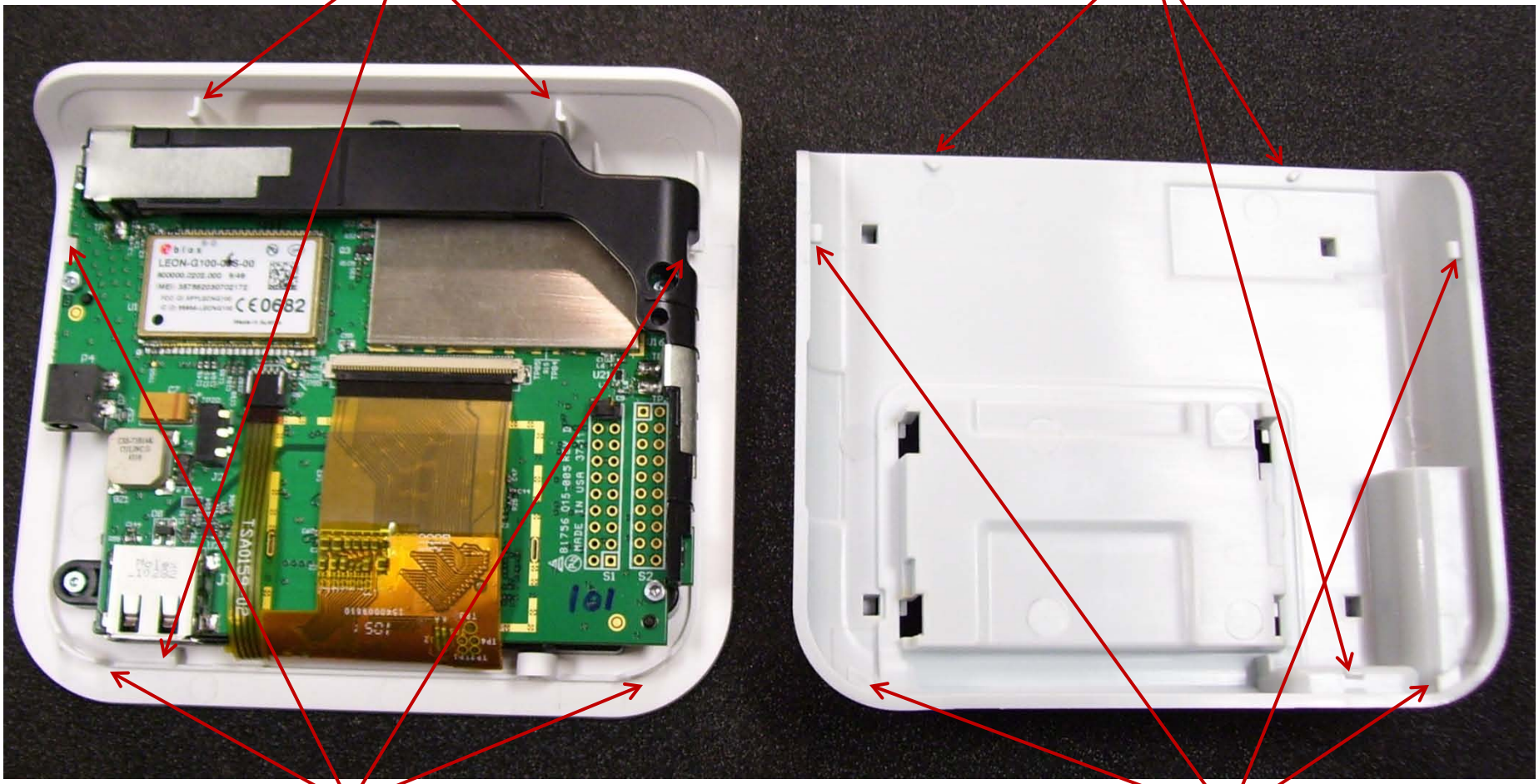
Plastic LCD bracket will register display relative to opening and hold in place

RF absorbing foam adhered to LCD flex

Locating posts on front housing used for registration of LCD bracket

Front Housing: PC/ABS (Cycoloy C1200HF)


M2x8 Pan Head Plastite screws (Qty 3) used to clamp PCB and LCD bracket to the front housing
M2x4 Pan Head Plastite screw (Qty 1) used to clamp LCD bracket to front housing
Locating posts on LCD bracket are used for registration of the PCB
blox
LEON-G100-04S-00
Molex 10282
TSA0159-02


Latch bumps
Latch bumps
Front housing has hook features which engage the latching teeth of the rear housing
Rear housing has latching teeth which engage hooks on front housing