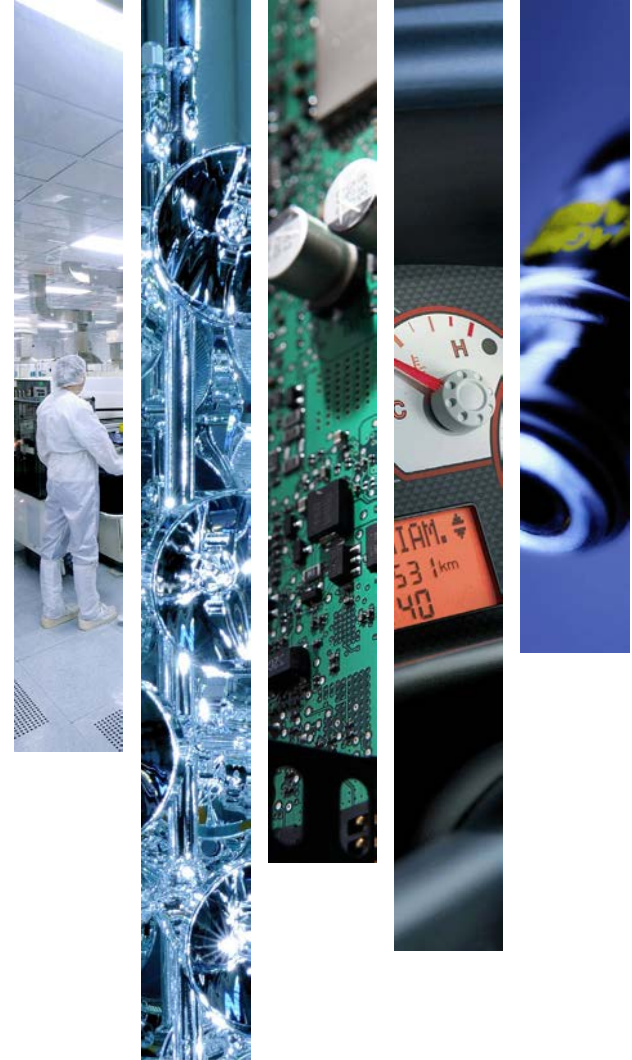




FIASA TRF198 Upgrades

02/10/2015



Improvements

Improvements on new releases of TRF198:

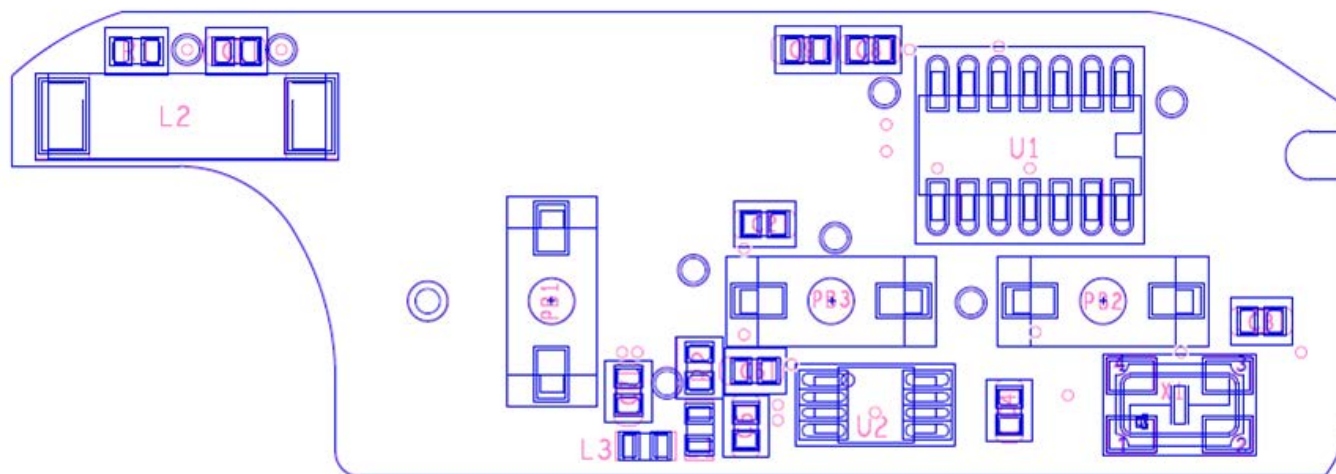
- **Revision of layout footprints to comply IPC 7351 standard**
- **Introduction of enhanced version HLX crystal**

New footprints

The electronic layout has been slightly modified to introduce the new footprints of the components.

Notes:

- No changes in Test Points position
- No changes in Vias position
- Negligible changes in tracks and position of some components (only to fit revised footprints)



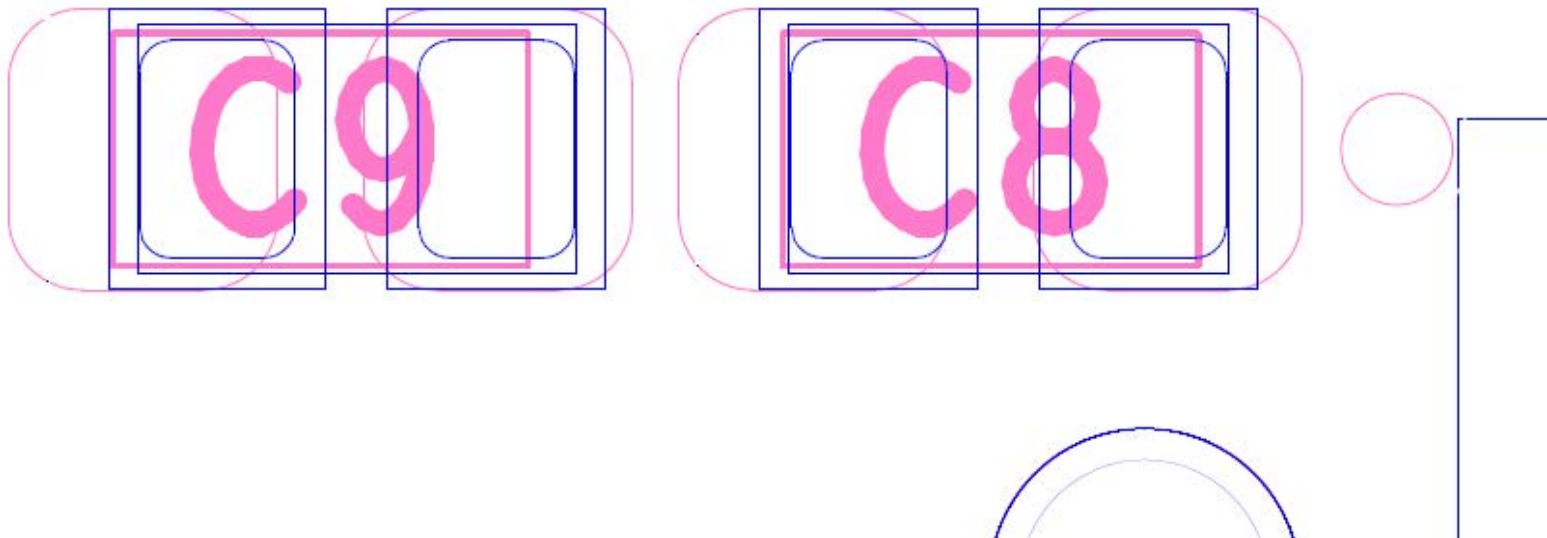
TRF198_new package
TRF198_old package

New footprints detail (1)

Detail of the footprints' evolution: **capacitors package 0603**

Involved components: all the capacitors on the board

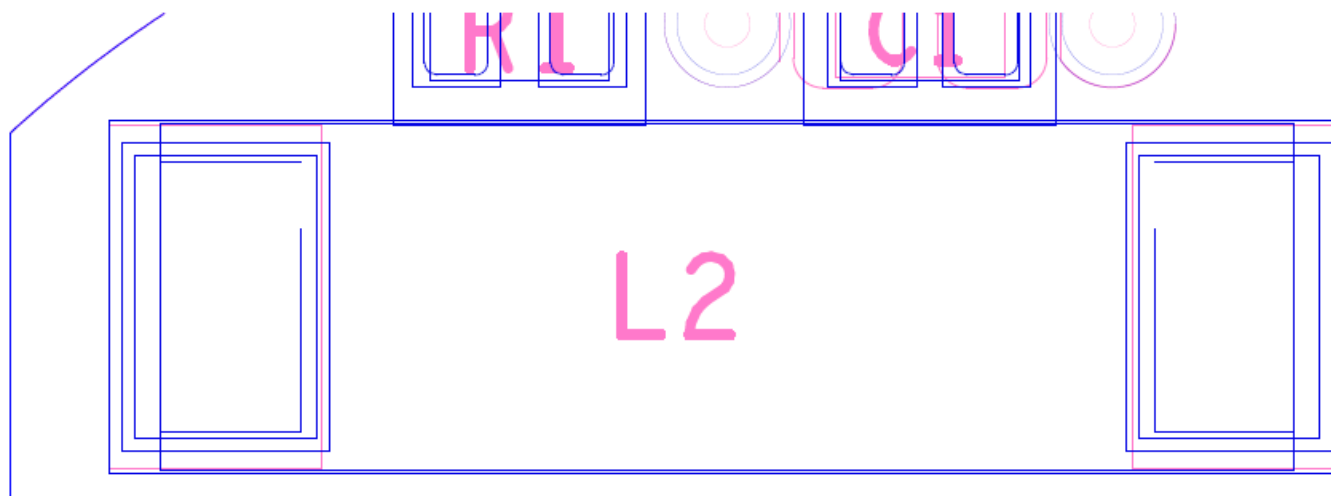
- Blue profile: old components
- Pink profile: new components



New footprints detail (2)

Detail of the footprints' evolution: **transponder coil**

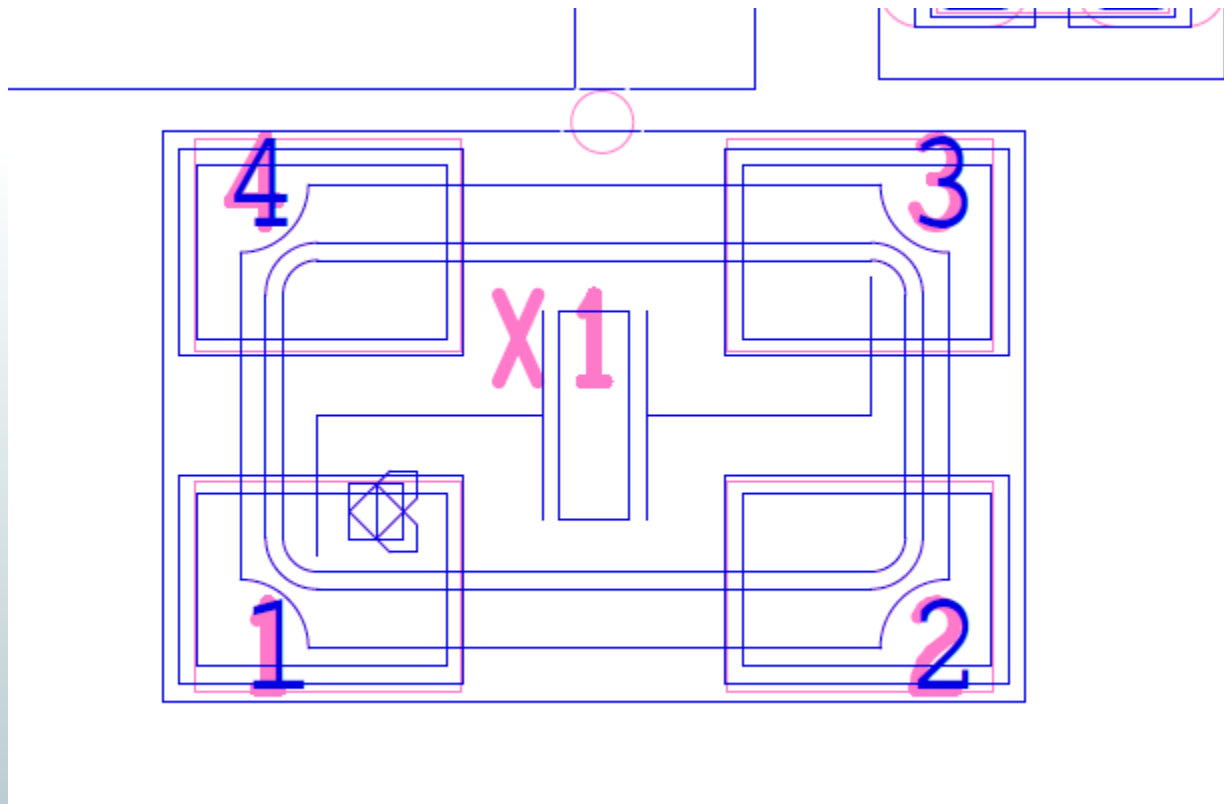
- Blue profile: old components
- Pink profile: new components



New footprints detail (3)

Detail of the footprints' evolution: **quartz**

- Blue profile: old components
- Pink profile: new components



New footprints detail (4)

Detail of the footprints' evolution: **inductors**

Involved components: inductors L1 and L3

- Blue profile: old components
- Pink profile: new components

