



Teldes status report



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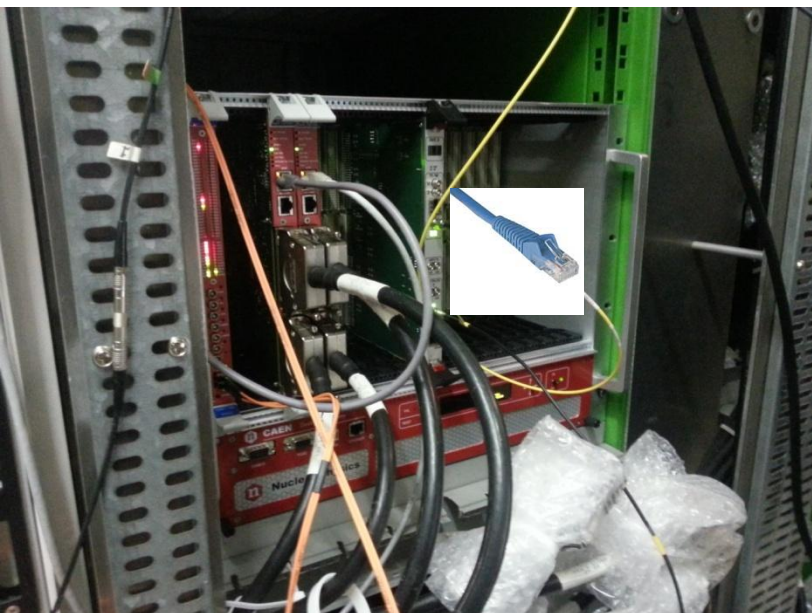
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- 3 Università degli Studi di Perugia - Italy

- ◆ Teldes production status
- ◆ Intertel pre production status
- ◆ Conclusions

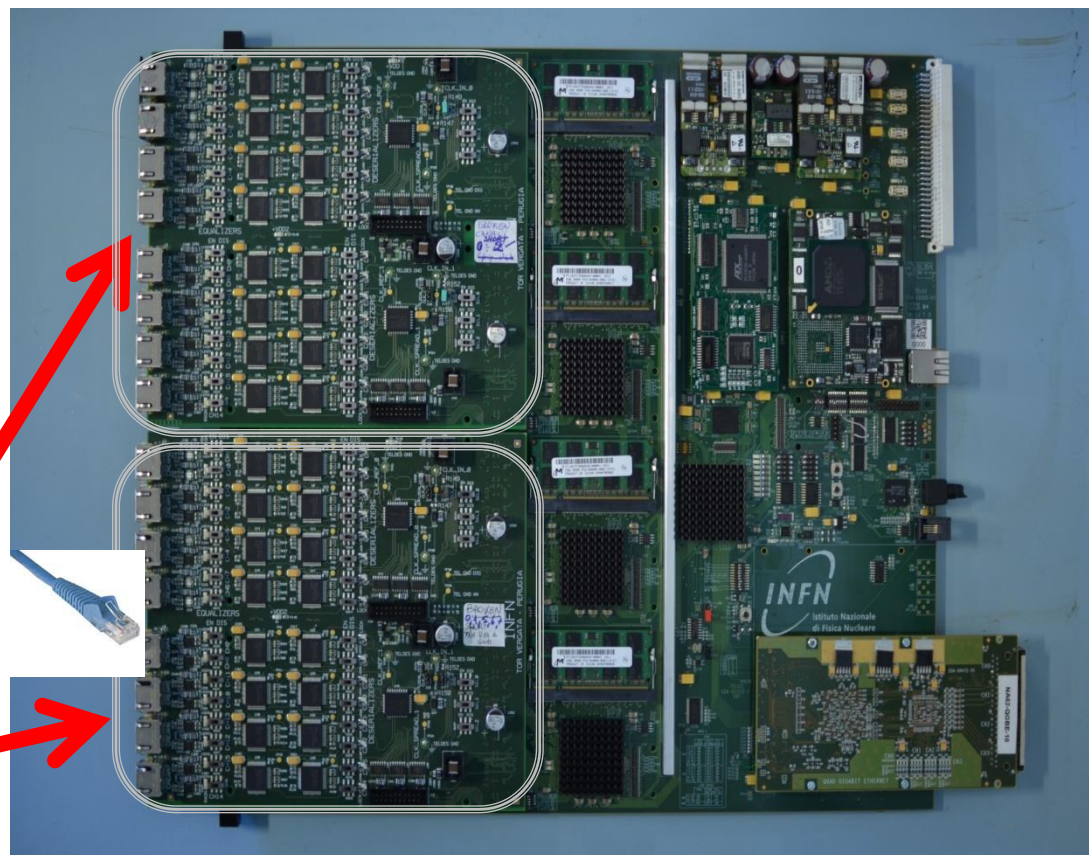
“TELDES”

To receive data from the CREAM

2 mezzanine cards per TEL62



**8 ethernet cables
per board RJ45 terminated**





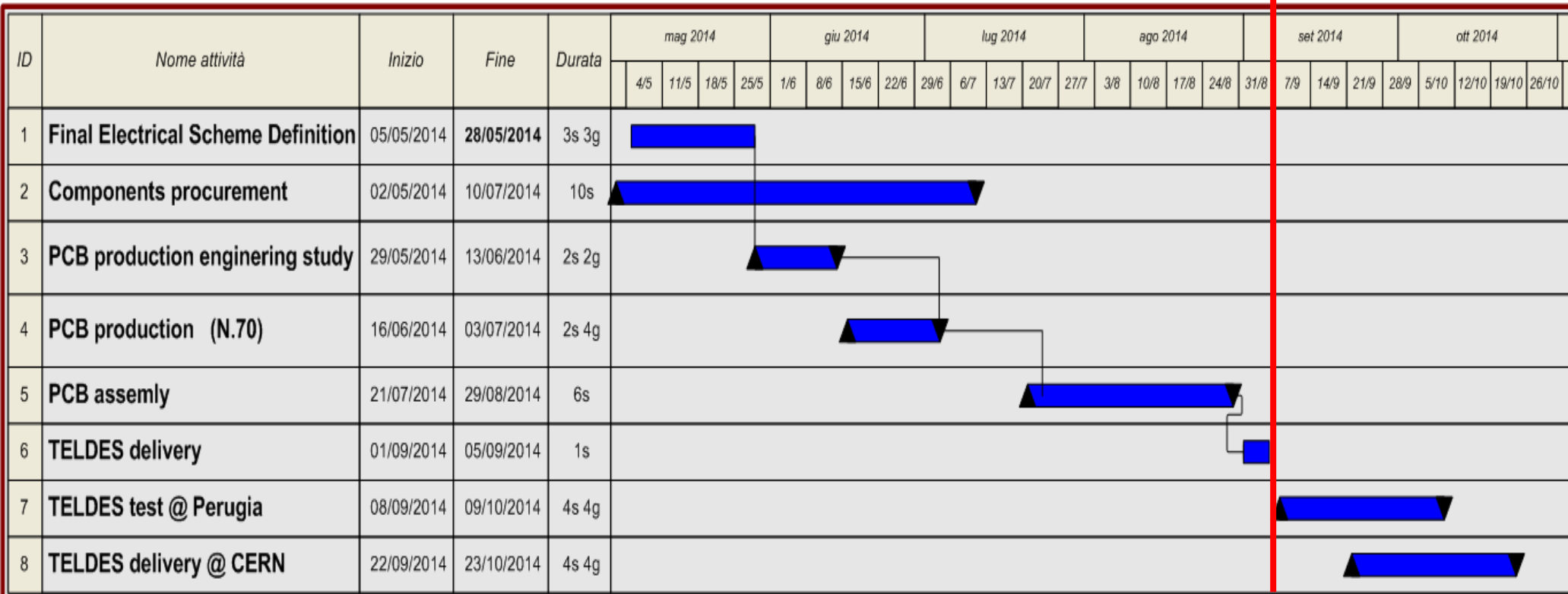
***All the boards 52 (including 20%spares)
have been sent to CERN on
August 28 th***



TELDES PRODUCTION GANTT with tests @ Perugia

**HERE
WE ARE**

Bruno Checcucci INFN Perugia





Production TEST Setup

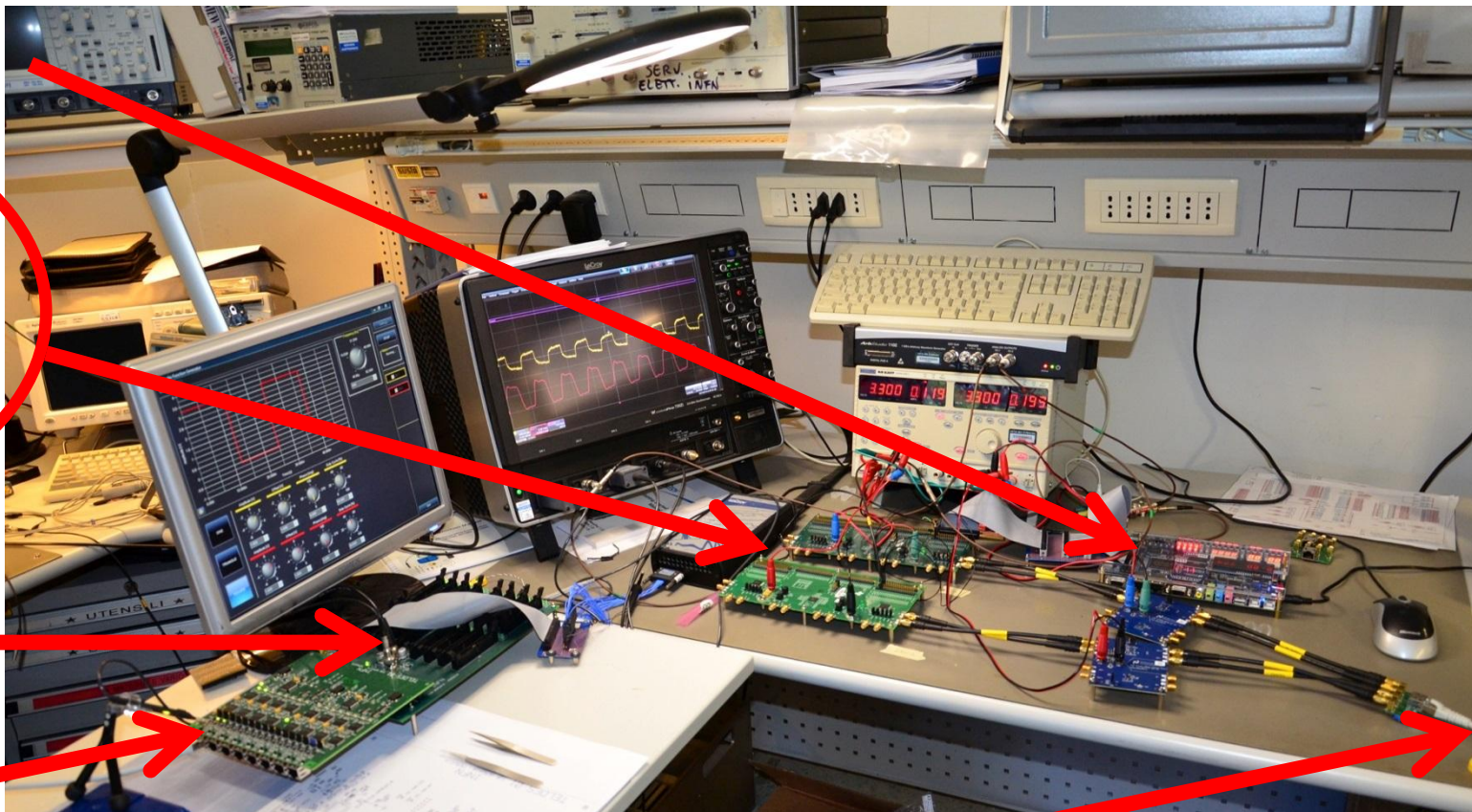


ALTERA DE2-115
Used to handle PRBS

CREAM
*double channel
emulator*
(serializer + BA)

TELDES TEST CARD.
(TEL62 partial
emulator)

TELDES



Ethernet cable, CAT 6A



An equal test set up is foreseen to be installed at CERN.

***We basically have all the materials.
We just need a work space of about 2m²
outside the radiation controlled area.
(i.e. electronic laboratory)***

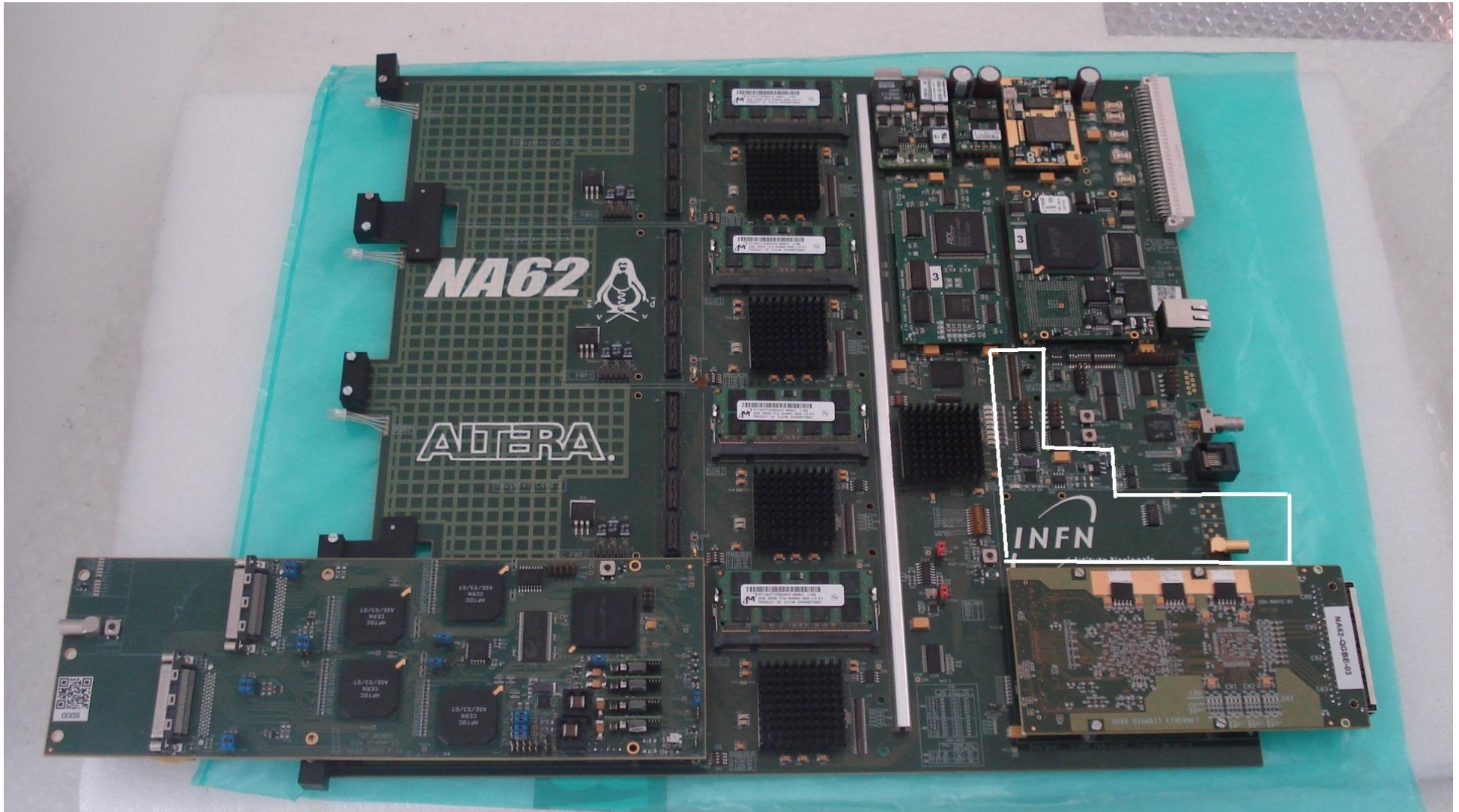


InterTEL:

- Is a board which **Inter**connect deserialized data between 2 **TEL**62;
- Only RICH & LAV will use this card;
- We are going to have 2 slightly different versions for the 2 sub systems;
- A preproduction run of 2 boards per sub detectors is on going;
- While a final production run of 14 boards (10 LAV + 2 RICH + 1 RICH and 1 LAV as spare) will start after pre production tests;
- This means a very final production of 18 boards ready for test in November and delivered to the collaboration hopefully by December.



Itertel preproduction status





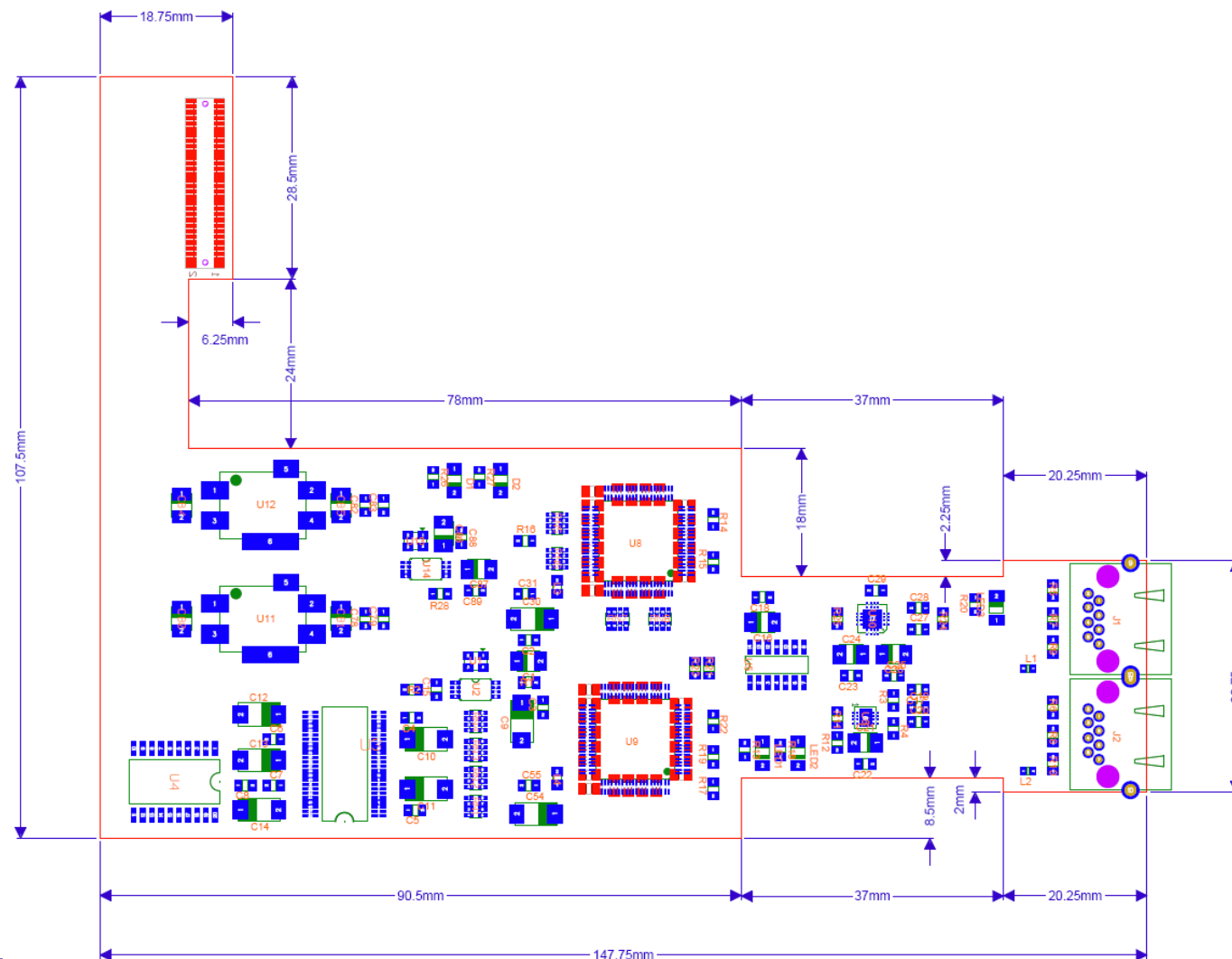
Istituto Nazionale
di Fisica Nucleare

Itertel preproduction status



Components view
and mechanical
layout

Board 147x107
mm





Conclusions 1 Teldes

- ◆ So far all the project planning actions have been respected;
- ◆ It is wise to implement at CERN a test set up equal to the one used for test in Perugia;
- ◆ The final production phase should be completed by the end of October.

- ◆ So far all the project planning actions have been respected;
- ◆ The InterTEL Pre production run has been just launched;
 - ◆ According to the schedule the first 4 boards have to be tested in Perugia after the TELDES (start in November);
- ◆ Report on them will be done during the next meeting in October.