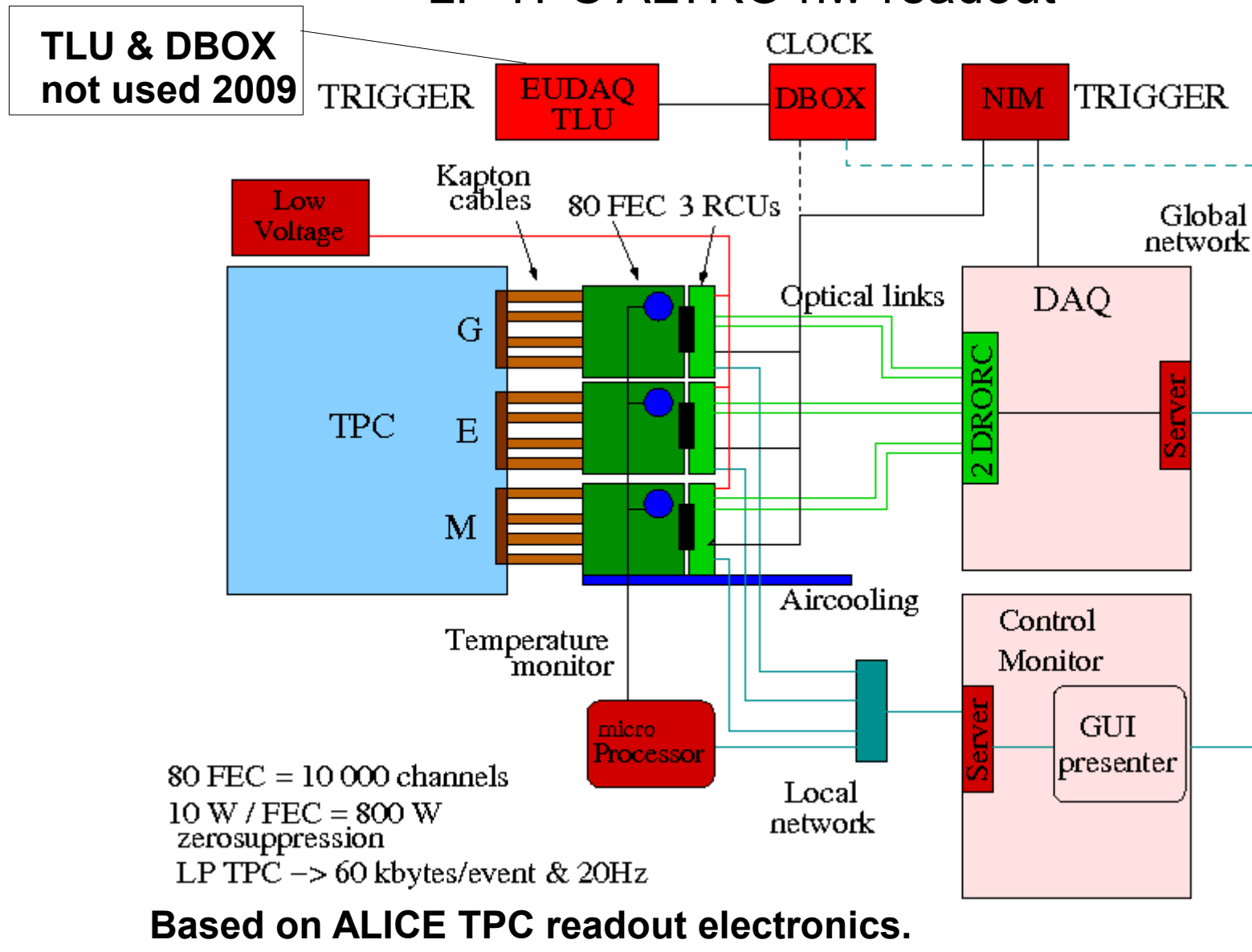


**LP-TPC ALTRO READOUT
2009 – 2010 test beams**

and

Future??

LP TPC ALTRO hw-readout



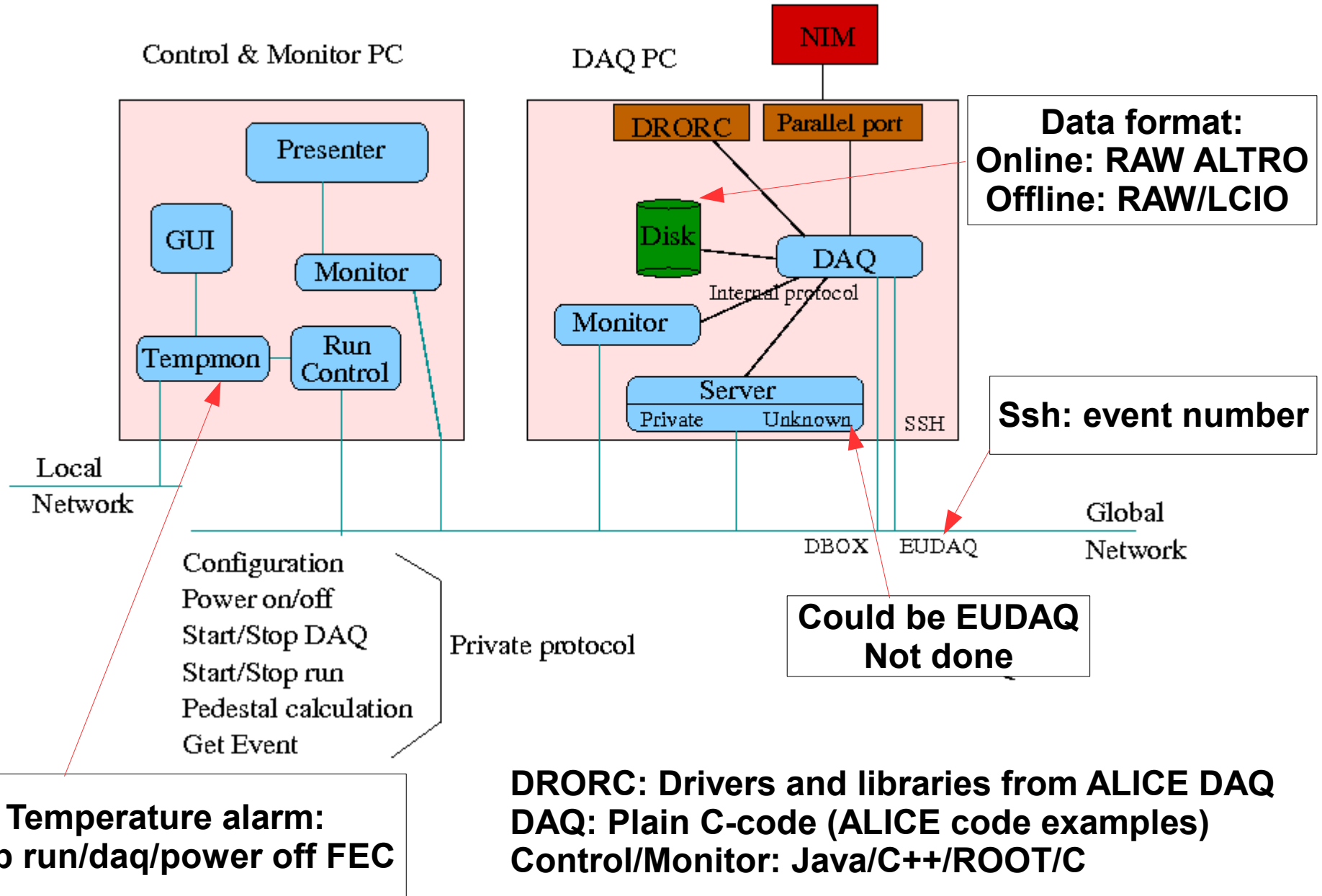
Based on ALICE TPC readout electronics.

FEC = Front End Card (modified, programmable amplifier)

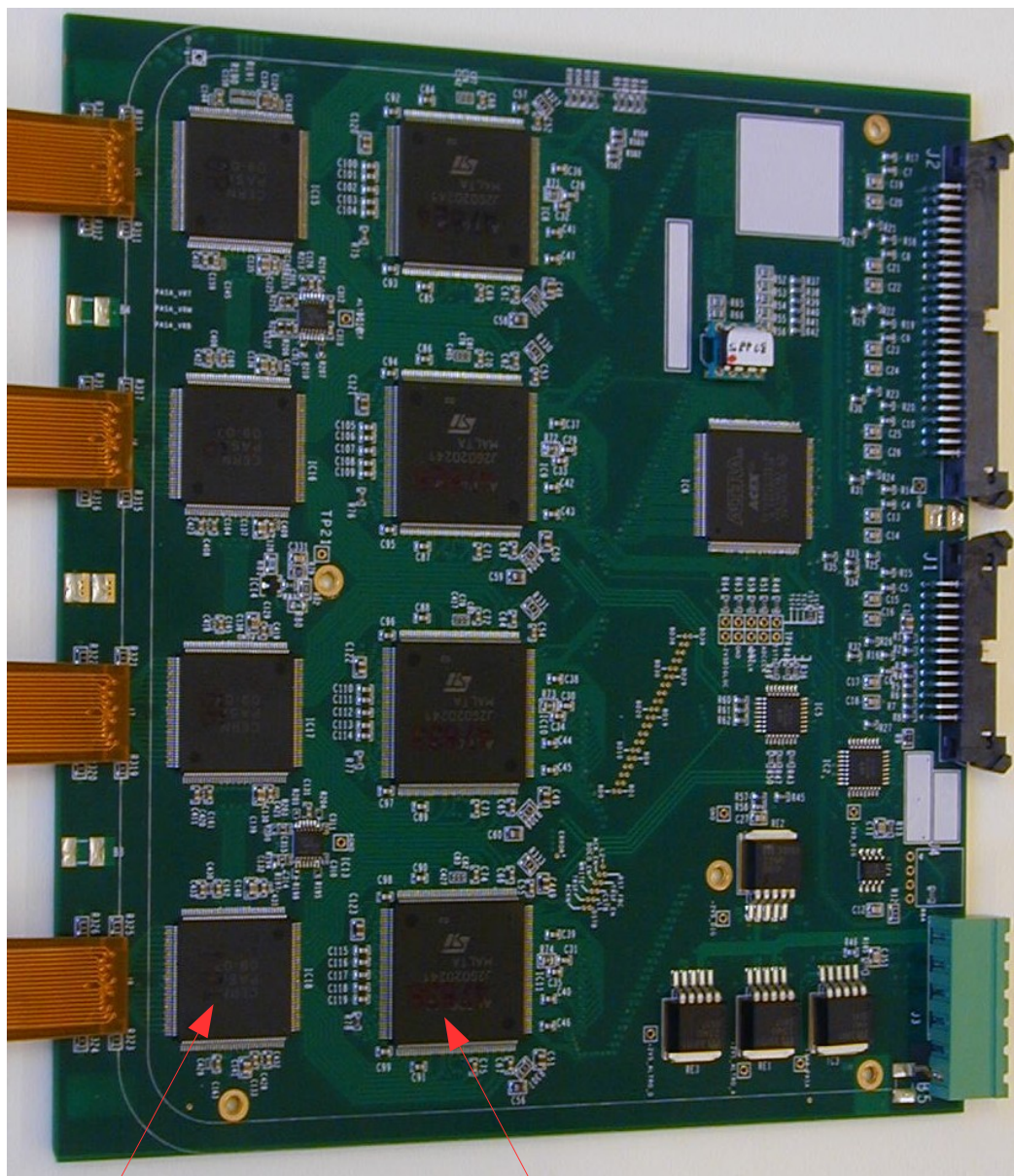
RCU= Readout Control Unit (modified trigger/clock inputs

DRORC = Data ReadOut Receiver Card

LP-TPC ALTRO STANDALONE sw-readout



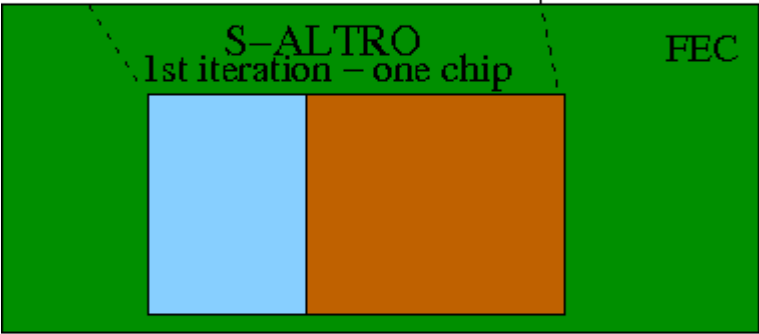
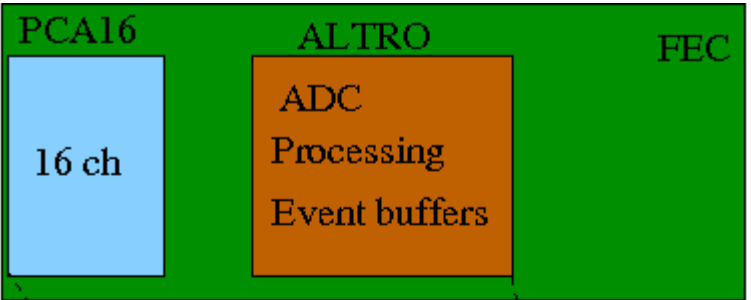
Front End Card



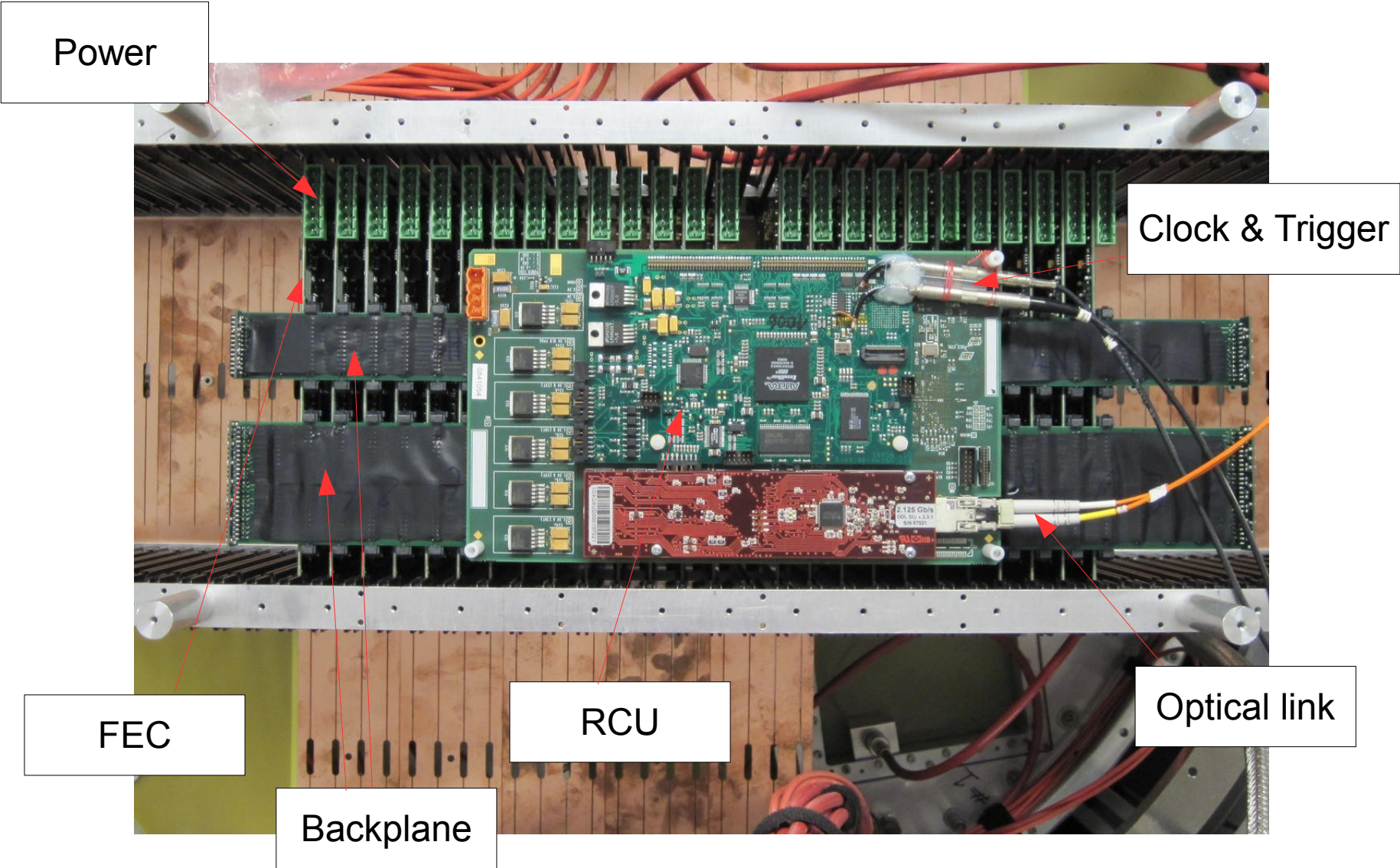
PCA16
(programmable)

ALTRO

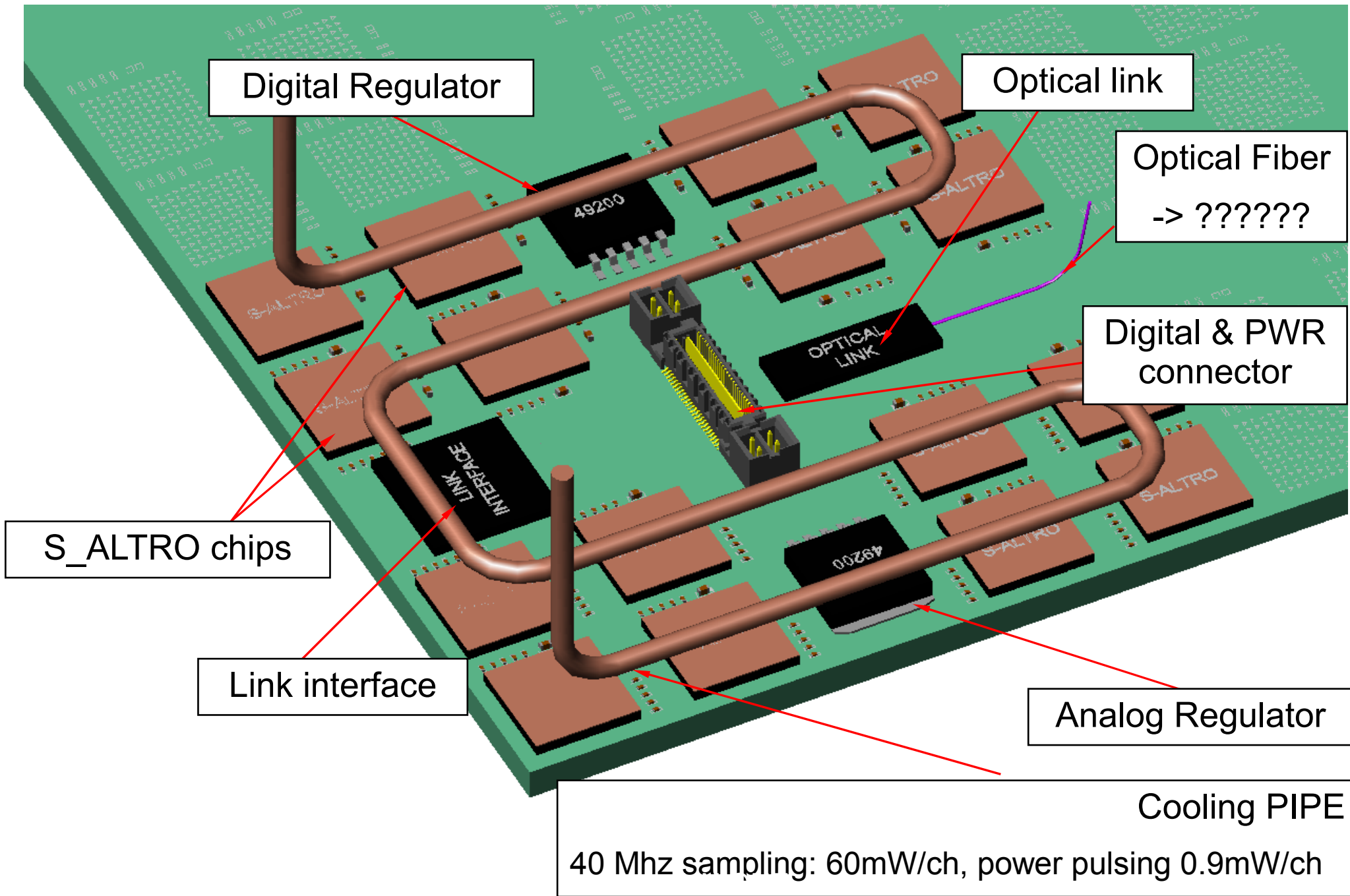
Future



ALTRO READOUT



S-ALTRO mounted on TPC end plate



DESY:

working on the integration MicroTCA and the local control system DOOCS

Possible future?

rebuild existing ALTRO DAQ for the LPTPC within MicroTCA

Split I/O streams to DOOCS and DAQ process (EUDAQ or whatever)