

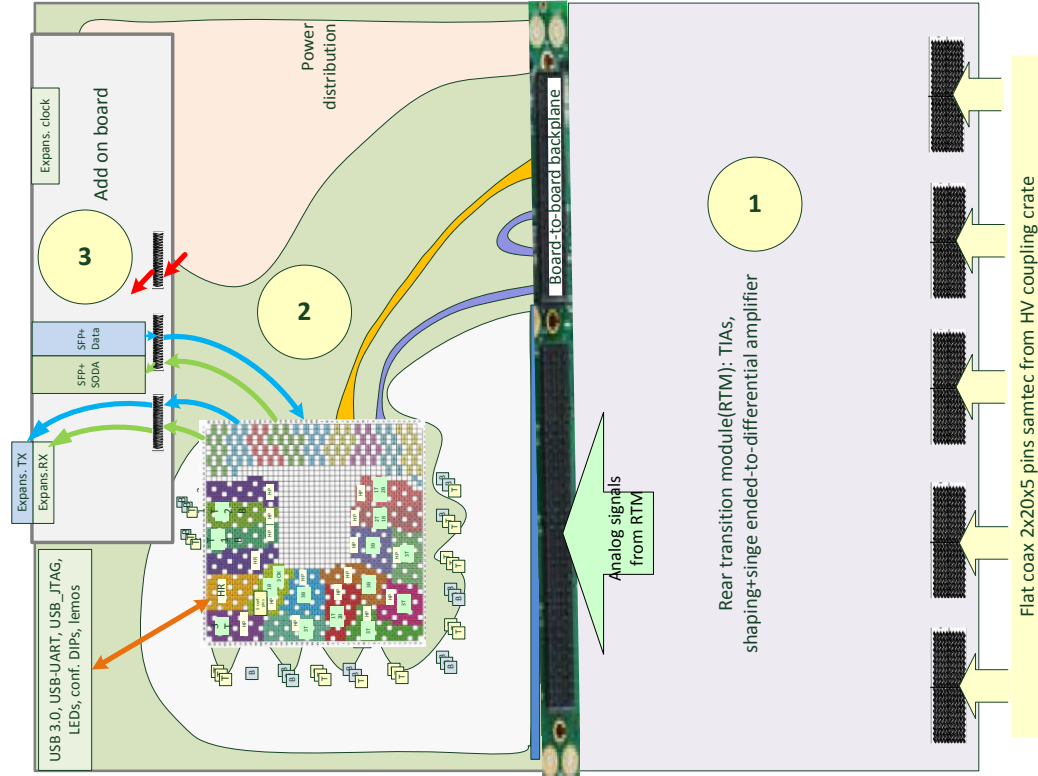
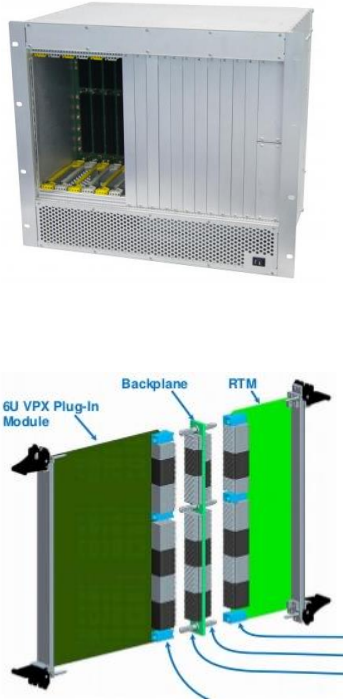
Status of ADC based DAQ-System

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STT Readout Meeting

25 October 2017

Crate and Board view

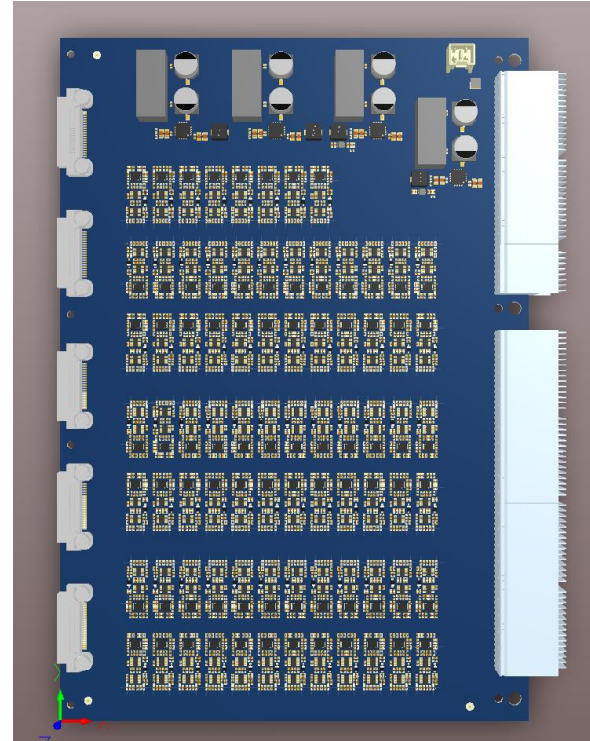


- Crate
 - Development done, in production
 - Delivery expected in November

- Modules (Front Module and Rear Transmission Module)
 - Development together with external provider
 - Some delays because of holidays, large communication efforts and minor changes in schematics

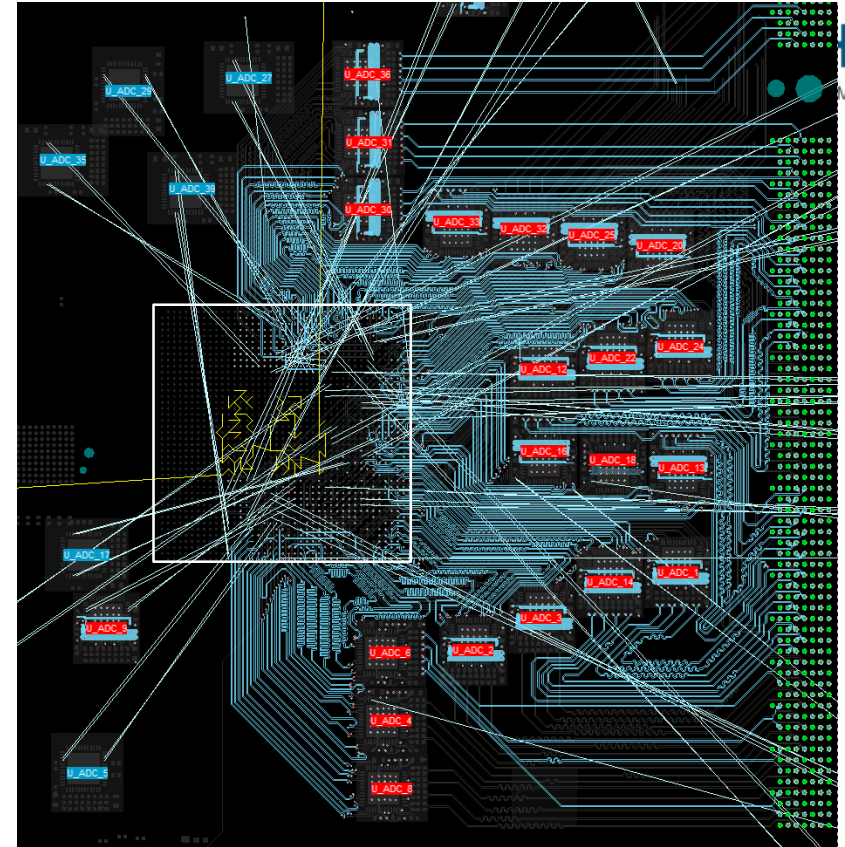
Rear Transition Module

- Placement done
- Layout nearly finished
- Expect production in November



Front Module

- Placement done
- Very complex layout (160 differential input pairs, 320 differential pairs for ADC↔FPGA connection)
- Large need for communication with external provider, time-consuming
- To speed up development, layout will be finished at ZEA-2
- Production expected in December



- After production of hardware, first test of operation at ZEA-2
- Afterwards, setup at IKP can be done (probably February)
- Concrete dates can be fixed after first operation