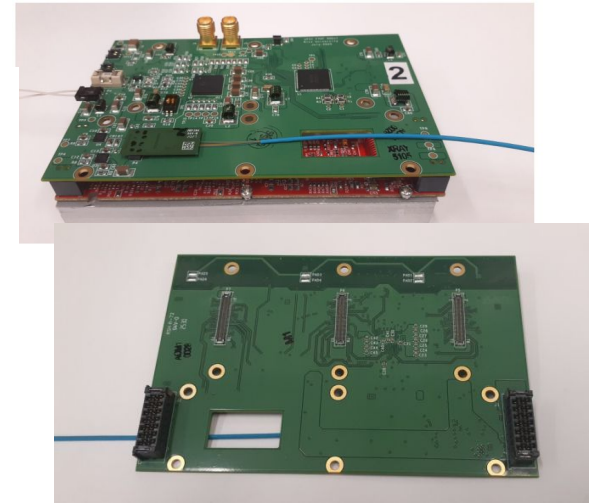
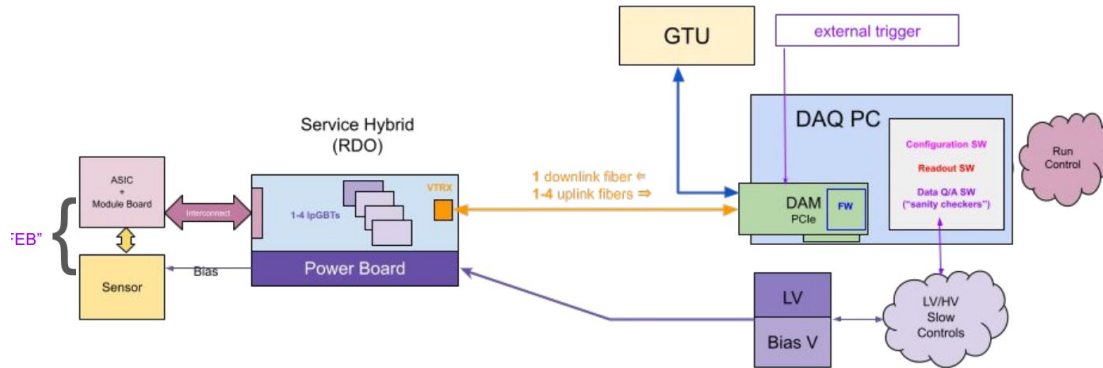


Status of the AC-LGAD Readout Chain PED

- “Previously...”

- an LPGBT based Readout Board (RBv1) manufactured and tested (6 pieces)
- Power Board (PBv1) Manufactured and tested (1 piece; more forthcoming)
- Readout Chain FW & SW working apart from an ASIC



Current Status

- we want to replicate the TOF Readout Chain at BNL (Alex, Prithwish)
 - prepare for EICROC1 testing and its Testboard early CY26 together with the Far Forward and AC-LGAD (Alex) Working Group
 - the relevant boards have been shipped from Rice and are at BNL
 - RBv1, AXAU15, trigger adapter
 - waiting for a suitable PC...
 - hope to have this setup complete by end of this year
- waiting for the EICROC1...
 - our adapter board (from RBv1 to EICROC1 Testboard) is in development
 - schematics complete
 - layout and PCB will wait for the EICROC1 Testboard