

# Readout electronics update 12-May-2020

**HV-Mux**: production order in preparation through UK, money to be transferred to CERN account

**Powerboard**: pre-production design (v3.1) complete and under review by ATLAS

**ABCStar**: pre-production order released to manufacturing with vendor in March 2020

**HCCStar and AMAC**: pre-production design in progress, estimate finish end of June

- To prepare for FDR, several [technical review meetings](#) with Xavi Llopart, Jaro Ban, Jaya John John, and Hucheng Chen have taken place and are planned
- AMAC
  - Continue self-review all analog blocks (including connectivity and default controls) and overall digital design.
  - Reviewed analog and digital designs with external review group.
  - Continue functional verification and SEE simulations.
  - Place and route, DRC, and verify ASIC. Prepare final GDS for fabrication.
- HCCStar
  - Continue digital design review and implementation of SEE mitigations.
  - Continue functional verification and SEE simulations.
  - Bill Ashmanskas at Penn can help Paul with the design.

**Coils**: production order placed on Feb 21 2020, Würth expects first batch shipped from Asia in May