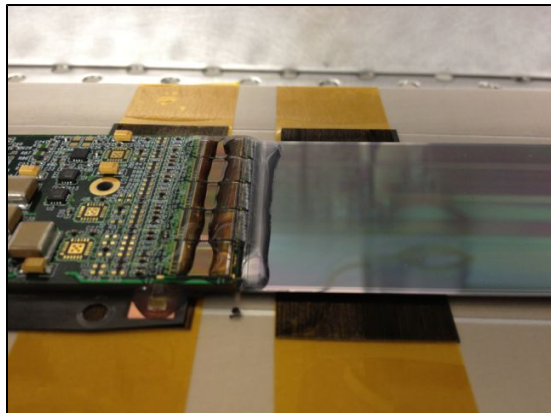


APV25

The APV25 readout ASIC is 0.25 micron readout chip developed for the trackers of the CMS experiment at the LHC. It has a number of features that are desirable for a MaDPhoX tracker. Please find more information below.



Components

- [APV25 ASIC](#)
- [APV25 Timing](#)

Documentation:

APV25 Readout

- APVMUX User Guide (explains some details of APV operation) - [pdf](#)
- CMS Note on ARC - [ps](#)
- ARC Software Documentation - [pdf](#)

Papers:

APV25 Readout

- NIM on APV Front End Readout Driver (FED) - [pdf](#)
- Draft of paper describing powering in CMS - [pdf](#)

APV25 Optical Readout

- Paper describing the CMS Tracker Optical Readout - [pdf](#)

Talks:

- APV25 for MadPhoX - 1/15/2010 (T. Nelson) - [pdf](#)

Links:

APV25 Readout

- [ARC Documentation at Aachen](#)

APV25 Optical Readout

- [CMS Optical Readout](#)