



LHCb Upgrade Electronics

Meetings in 2014 (Thursday, 2pm):

14th August

9th October

11th December

<http://lhcb-elec.web.cern.ch/lhcb-elec/html/upgrade.htm>

Mailing list:

Go to simba.cern.ch, search for lhcb-upgrade-electronics

GBT chipset ready for production

Reticle layout optimised for quantities & metal stack by Paulo Moreira => cost optimisation 😊



Reticle repeated 277 times on 8" wafer

1st stage: 'engineering run': few wafers in Sept, testing

2nd stage: 'production run': end 2014

This is when we need our final quantities!!!

News II

Official price-list

GBTX	50 CHF
GBT-SCA	24 CHF
VTTX	150 CHF
VTRX	200 CHF



News III

CHARM radiation facility open for business

<http://charm.web.cern.ch/CHARM/>

See website for details on booking radiation time

1st batch of DC-DCs coming soon (July)

New copper cables: installation extremely difficult

re-use existing cables

future discussion (eg for new power supplies)

New electronics milestones for next ~ 12 months

Including many design reviews (scheduled to be useful!)

I will ask many of you to act as internal LHCb reviewers!