CERN IPMC: Update

On behalf of the CERN xTCA/IPMC Team
IPMC Cards

IPMC:

• Current availability:
  - IPMC Version V3 (two UARTs): 74
  - IPMC Version V4 (three UARTs): 30

• New production:
  - 500 cards (V4) available in June 2023 (late because of lead time of components).

• Purchasing procedure:
  - Send an email to epesebe-ipmc-purchase@cern.ch, containing number and version of IPMCs, and budget code: 1 IPMC = 200 CHF.
IPMC Tester

IPMC Tester:
- For desk-top testing
  (this is how we test the IPMC cards)
- For in-shelf tests
- As a development kit

• Current availability:
- CERN has 11 IPMC Testers.
- You can buy one for 1500 CHF (we do not have the Raspberry Pis!)
- Three IPMC Testers were sold: feedback welcome!

• New production to be launched:
- Build ten more IPMC Testers; they will become available end of 2023 due to lead time of the components.
- Plan to run full-crate tests: stress tests of IPMC software and ShelfManager, investigate system aspects.
IPMC Support

• Web site (https://cern-ipmc.web.cern.ch):
  - Documentation, software, remote compilation (requires login), link to Discourse

• Discourse forum (https://cern-ipmc-forum.web.cern.ch):
  - Check/read the existing topics.
    If you cannot find anything on your issue, create a new topic.
  - Alternatively, send an email to cernipmc.webapp@cern.ch:
    The email will also create a new topic in Discourse.
  - Support team: Markus Joos, Stefan Haas, Ralf Spiwoks
  - CERN has a support contract with PigeonPoint Systems (PPS):
    We escalate issues to PPS, if we cannot solve them ourselves.
Questions?

Contact: epesebe-xtca-support@cern.ch