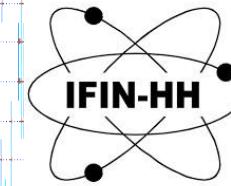




MINISTERUL CERCETĂRII, INOVĂRII ȘI DIGITALIZĂRII



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**TRD2D upgrade
mCBM May 2022**

***TRD weekly meeting
19th March 2021***

Preparation

Mechanics (A.Radu)

- use 2 support tables (top/bottom) to hold up to 4 ROB
- support ledges for FEBs and auxiliaries (G.Dima)

FEBs (C. Schiaua)

- production of extra CROB connection board (Costovici)
- testing boards
- LV connections (1 → 4) (P.Kaehler)
- HV connections (4 → 5) (P.Kaehler)
- Pulser on anode (1 → 4) (A.Bercuci)

DAQ (C.Schiaua)

- CROB (1 → 4)
- SLR (1 → 2)

FW (C. Schiaua)

-

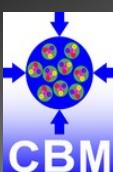
SW (A.Bercuci)

-

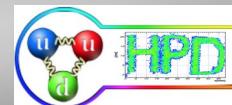
Administration (A.Bercuci)

- Radiation Protection Report (L.Radulescu)
- User Registration





Solved



Howto power-up mTRD-HV

Howto power-up mTRD-LV

- 0 Spadics TRD1
- 1 ROB TRD1
- 2 Spadics TRD2
- 3 ROB TRD2
- 4 Spadic 2D+PulserFeb
- 5 ROB for nr. 4
- 6 Bucharest FASP
- 7 unused (since Nov/2021)

Hi Alex,

In this case we can use ports:

4,5 – previously on Spadic 2D

6 – Fasp 2D

7 – not used

yes, sounds correct to me. David S confirmed in meantime, that also from DAQ perspective, the Pulser FEB plus that 2Dh+Pulser ROB can be taken out.

All those ports should have LV cables into the cave, equipped with the same connector plugs as you know from 6-Fasp2D.

Best
Philipp

Hello Alex,

ok, then we can prepare boards in the last week of April.

Best regards
Joerg

> On 4/13/22 12:08, Joerg Lehnert wrote:

>> Hello Alexandru,

>>

>>> we would need 3 extra CROB3

>> We have enough CROB spares and 3 boards can be made available for TRD2D.

>>

>> This will just require some preparation: on these spares boards, 2 missing

>> connectors have to be soldered and the boards have to be tested.

>>

>> When would you need these boards?

>>

>> Best regards

>> Joerg

CROB

SLR

Dear David,
once you connect these 4 CROBs of the TRD2D to
the CRI,
will they be readout by 1 SLR or 2 SLRs?
The current firmware can accommodate 3 CROBS /
SLR , so if we use 4 CRIs
we will use both SLRs.