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Components info, datasheets, and PCB manufacturers (materials, manufacturing process, constraints)

DC/DC converters

DC/DC converter will be used to provide the 1.2V (GBT-SCA), 1.5V (PACIFIC and GBT), 2.5V (VTTx) to the board.

Enable pin: There will be an enable pin

Voltage current monitoring: ask Federico Faccio

DataSheet [↗](#)

VTRx/!VTTRx

SiPM

Now, the high power is given to the SiPM through the flex.

A temperature sensor has to be foreseen near the SiPM.

The SiPM will not be cooled during the shut down period.

Board connectors

SiPM connectors: 2 x SiPM. HIROSE DF12(3.0)-80DP-0.5V(86) connector datasheet

PCB manufacturer

CERN use number of different companies, contact person is Betty Magnin

This topic: LHCb > SciFiElecFECompDataSheet

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