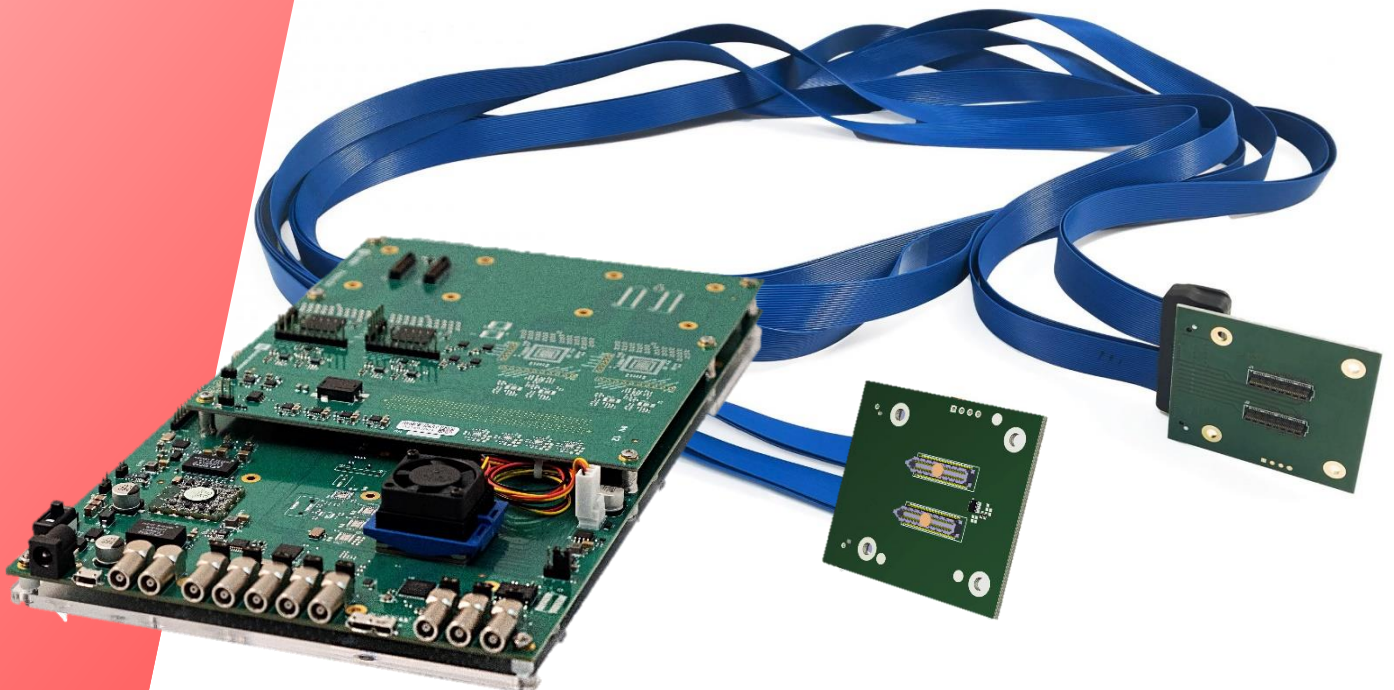


PRELIMINARY

REMOT5550W

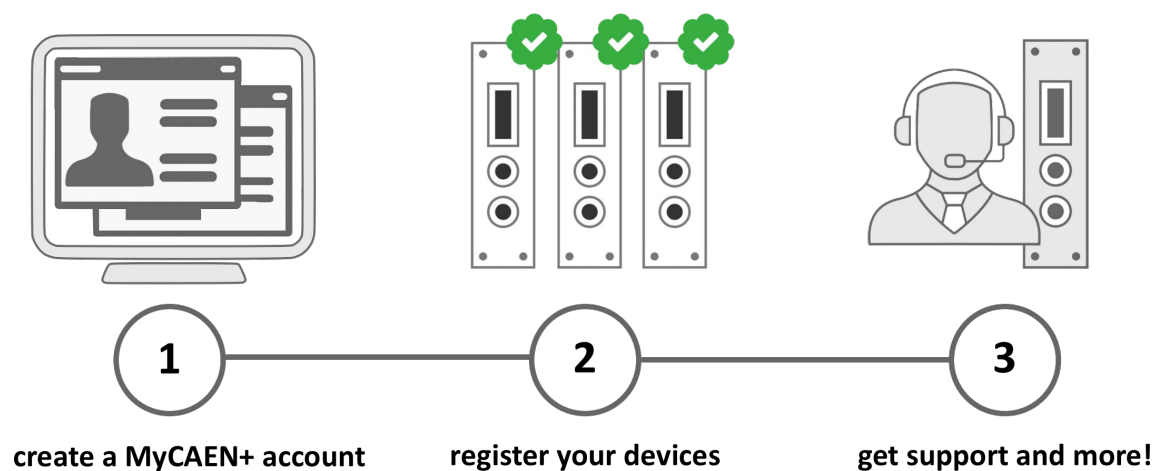
*Remotization kit with 2-
meters cable for DT5550W*



Register your device

Register your device to your **MyCAEN+** account and get access to our customer services, such as notification for new firmware or software upgrade, tracking service procedures or open a ticket for assistance. **MyCAEN+** accounts have a dedicated support service for their registered products. A set of basic information can be shared with the operator, speeding up the troubleshooting process and improving the efficiency of the support interactions.

MyCAEN+ dashboard is designed to offer you a direct access to all our after sales services. Registration is totally free, to create an account go to <https://www.caen.it/become-mycaenplus-user> and fill the registration form with your data.

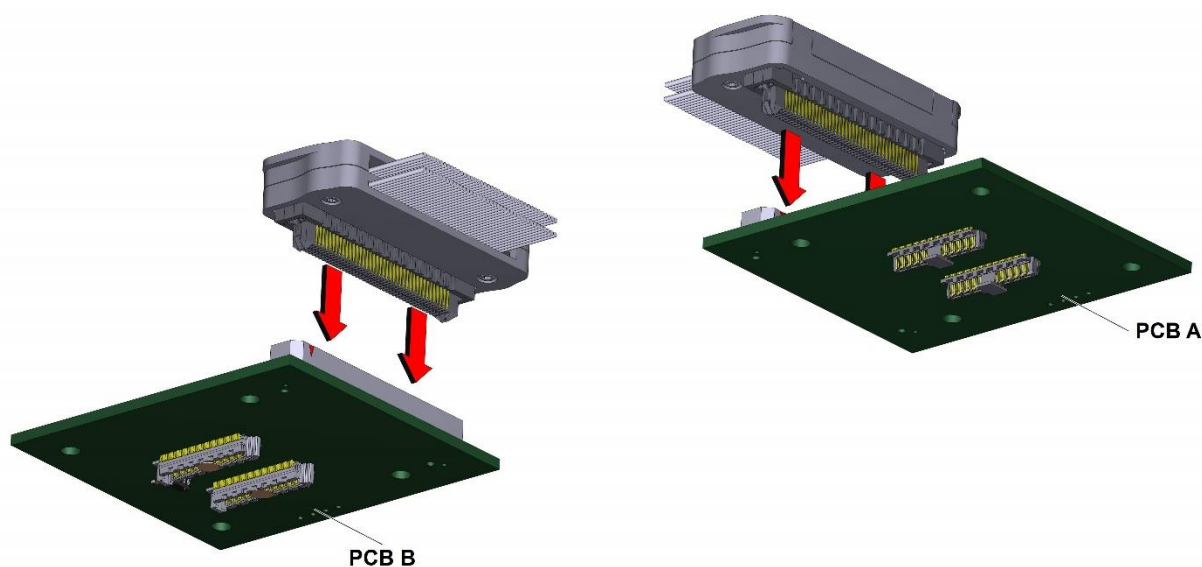


HIGHLIGHTS

- ◆ Plugs in A55PETx and A55CITx piggyback boards input connectors
- ◆ Extension cable to remotize Samtec SS4-40-3.0-L-D-K-TR connectors
- ◆ Allows to directly connect Hamamatsu SiPM matrix S13361-3050AE-08 2-meters away from the DT5550W board.

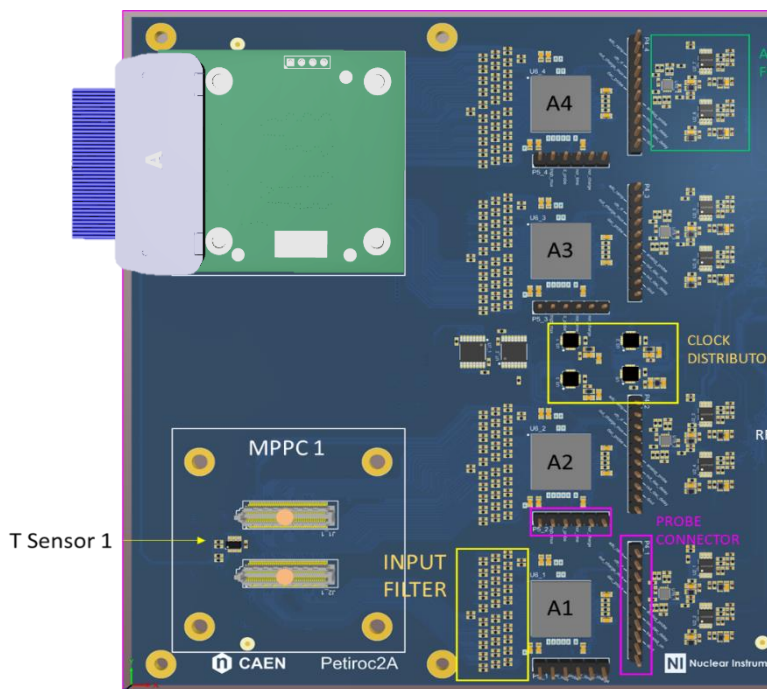
The **remotization kit for DT5550W** is compliant with both A55PETx and A55CITx piggyback boards. Each kit covers 64 readout channels of the DT5550W and it is composed of a micro-coaxial 2-meters cable with two adapter PCBs:

- PCB A adapts from cable end to the DT5550W input connectors
- PCB B adapts from cable end to SAMTEC SS4-40-3.00-L-DK-TR, allowing to connect directly an 8×8 Hamamatsu S13361-3050AE-08 SiPM matrix. This PCB also hosts a TMP37 sensor to measure the SiPM temperature for bias feedback operation
- The 34 AWG coax ribbon cable brings the bias and readout lines, without significant signal degradation over two meters



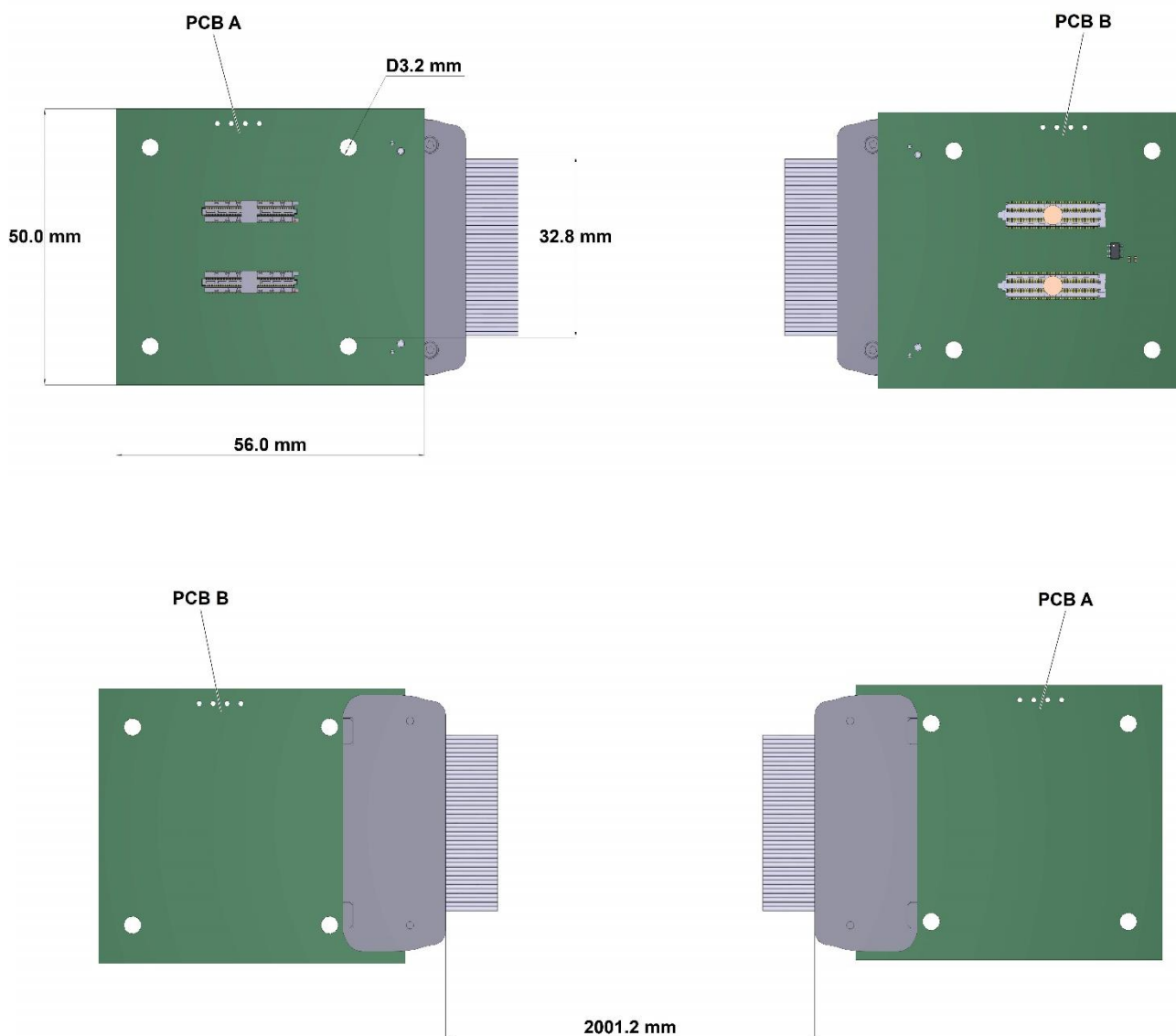
Mounting orientation

The PCB A must be connected to the cable side highlighted with a black line on the wire shielding. The mounting orientation shown in the figure below should be followed.



PCB A SHOULD BE PLUGGED ONTO THE DT5550W VERY CAREFULLY TO AVOID DAMAGING THE ULTRA FINE PITCH CONNECTORS.

Dimensions



Ordering Options

Ordering code
WKREMOT5550W

Description
Remotization kit with 2-meters cable for DT5550W

REMOT5550W

Remotization kit with 2-meters cable for DT550W

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