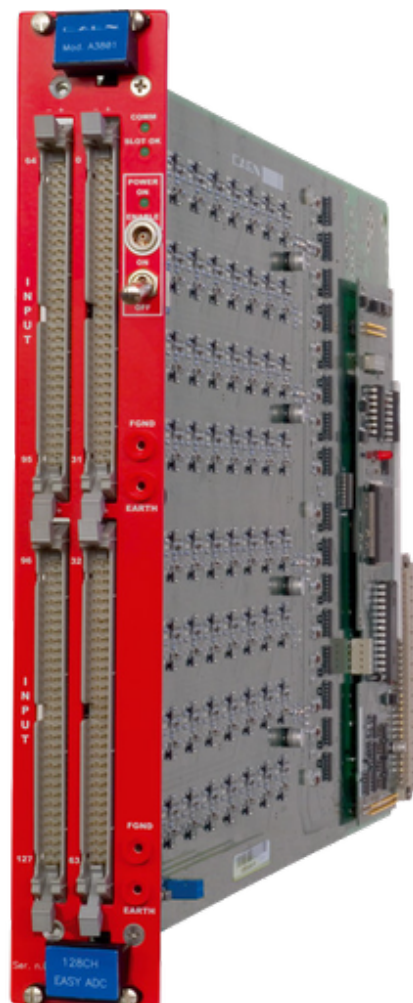
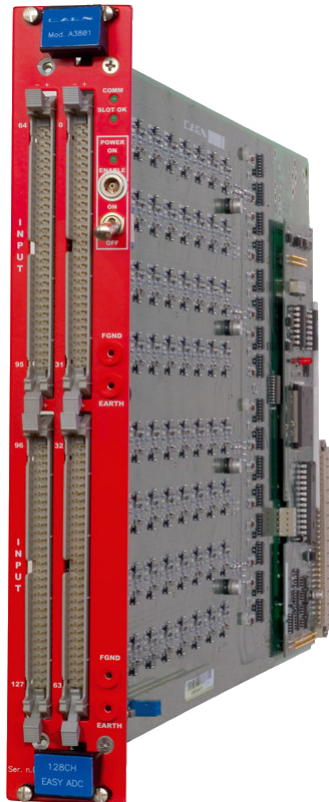


A3801A

128 Channel Temperature Sensor Board



Features



- Magnetic field and radiation tolerant
- 128 input channels
- $-45 \div +125$ °C range
- 0.1 °C LSB
- 2s conversion rate
- Flat cable input connectors

Description

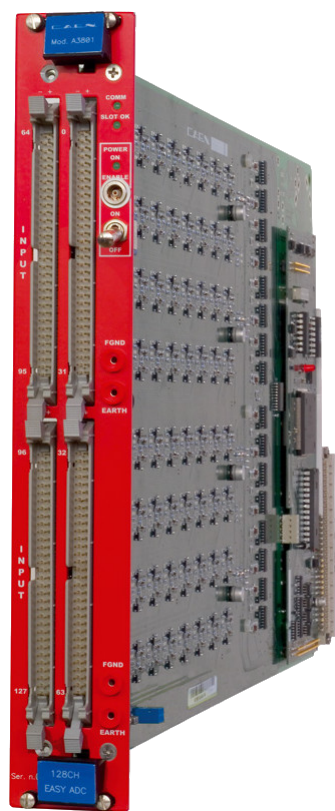
The CAEN **Mod. A3801A** is a 128 Channel ADC Board suitable to digitize the temperature values sensed by the Analog Devices AD592 sensor. The A3801A provides also the power supplies for the AD592 sensors. The input range is $-45 \div +125$ °C, with a 0.1 °C LSB.

Technical Specifications

Input Range	-45 ÷ +125 °C
LSB	0.1 °C
Integral non linearity	0.1% of FSR
Interchannel isolation	60 dB
Conversion rate	2 s (for all channels)
Temperature stability	0.5 LSB/°C
Weight	1kg

Ordering Options

Code	Description
WE3801AXAAAA	A3801A - EASY3000 128 Channel Temp. ADC Board



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