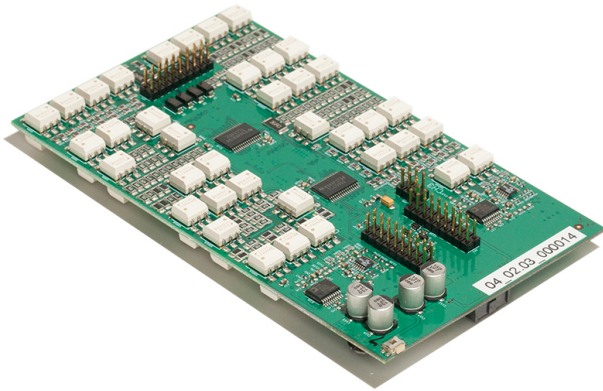


Expansion Board Digital Multichannel Pot.



- ▶ 4 independent, galvanically isolated, AC-capable channels
- ▶ Wide range of resistance: 50 Ohm to 500 kOhm
- ▶ High accuracy and 19 Bit Resolution
- ▶ Overcurrent protection
- ▶ Non-mechanical solid-state switches

The **Digital Multichannel Potentiometer Expansion Board** extends the functionality of the **μLC Test System** by seamless integration into an existing device. It offers four independently configurable, galvanically isolated digital potentiometers with a wide range of resistance and excellent accuracy. All four channels feature individual protection by an automatic overcurrent shutdown with automatic retry.

Application

Emulating Sensor Data

Designed to work for example with the sensor interface L9966 (FlexI)

Technical Specifications

Maximum voltage on any input referred to μLC-GND -24 to 24 V

Electrical Characteristics

Parameter	Value	Unit
Minimum Resistance	50	Ohm
Maximum Resistance	500	kOhm
Step Size	1	Ohm
Resolution	19	Bit

Accuracy

Parameter	Value
Entire Range	±0.5 Ohm ±1 %

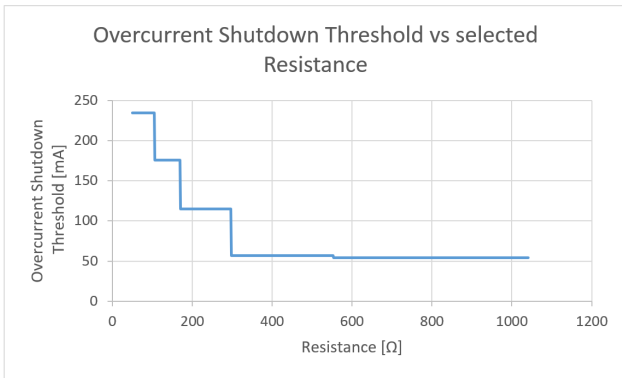
Legal Restrictions

The sale of this product in Mexico is prohibited. Due to embargo restrictions, sale of this product in Russia, Belarus, Iran, Syria, and North Korea is prohibited.

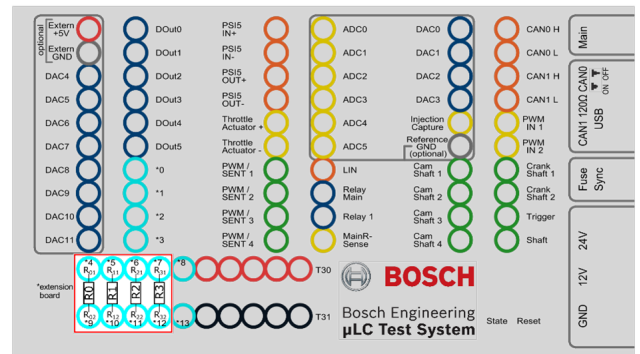
Ordering Information

Expansion Board Digital Multichannel Pot.
Order number **F02U.V03.129-01**

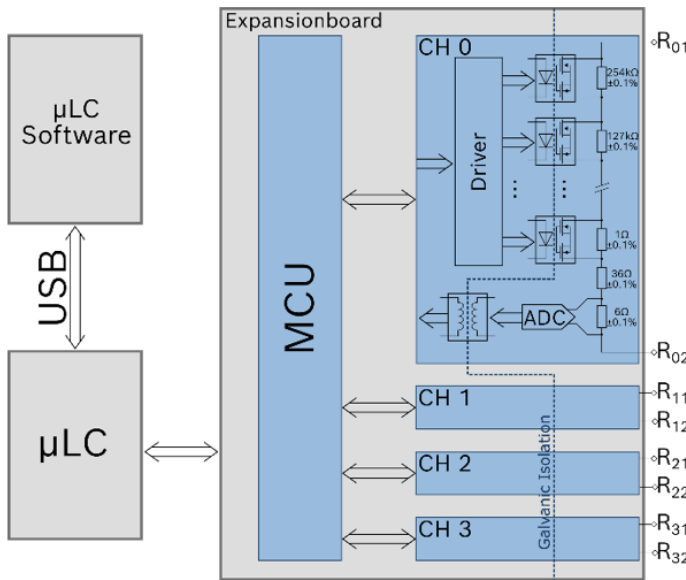
Dimensions



Pinout



Block diagram:



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