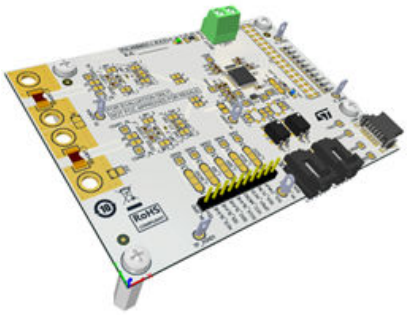
EVL9965C-L, EVL99BM2C-L

Data brief

EVL9965C-L/EVL99BM2C-L Promotional board based on L9965C/L99BM2C device for battery managements system



Product status link
EVL9965C-L
EVL99BM2C-L
STSW-L9965
STSW-L9965FW

Features

- Dual current sensing for precise and fully redundant current measurement
- Interface support to isolated communication protocol for L9965 chipset
- Optional SPI direct interface to MCU board
- 11 analog input sensing channels (AINx) available to the user
- 10 gate pre-driver outputs available for user-defined power stage control
- Connectivity with L9965P/L99BM2P board for direct configuration and control of pyro driver companion chip
- A dedicated GUI is available for configuration, monitoring, and evaluation with dedicated firmware

Application

- Automotive battery monitoring systems
- Energy storage systems
- UPS

Description

The promotional board integrates the L9965C or L99BM2C for current, charge, and isolation monitoring for high-voltage battery packs. The device is a companion chip for the L9965x/L99BM2x battery management device and can be inserted as an addressable element in the same isolated daisy chain (VIF). The L9965C or L99BM2C monitors instantaneous pack current by means of an external shunt resistor and provides current measurements synchronized with battery cell voltage when used in conjunction with the L9965x and L99BM2x battery management device.

A dedicated graphical user interface (GUI) is available for configuration, monitoring, and evaluation with dedicated firmware. Together, these tools enable simple and fast evaluation of the battery management system solution for use with the MCU board (SPC582B-DIS or Nucleo-L476RG).

Revision history

Table 1. Document revision history

Date	Version	Changes
04-May-2026	1	Initial release.

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Table 1. Document revision history 2

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