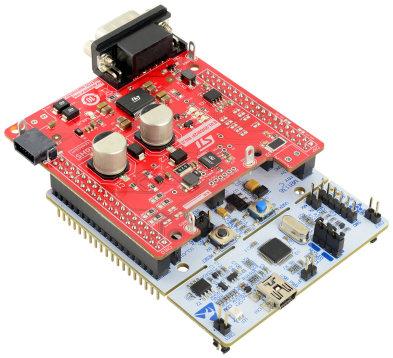
EVL99BM2P-FN

Data brief

EVL99BM2P-FN pyro-fuse driver evaluation board



Product status link
EVL99BM2P-FN

Features

- Access all main pins through test points
- Onboard load resistor connection through jumper
- Possibility to interface board with MCU board (NUCLEO-L476RG)
- Possibility to interface board with the L99BM2C evaluation board
- Possibility to communicate with BUS CAN
- L99BM2x promotion environment with a dedicated GUI
- LEDs to report:
  - Main supply source (blue LED)
  - VIO source (yellow LED)
  - Fault status (red LED, green LED)

Applications

- High voltage battery packs for BEVs and PHEVs
- Backup energy storage systems and UPS

Description

The EVL99BM2P-FN is a evaluation board designed to provide the user with a platform for evaluating the L9965P device in QFN package.

The EVL99BM2P-FN promotion board can also operate with L99BM2C companion chip. This platform enables evaluation of L9965P in typical industrial application scenarios.

A boost converter is mounted and allows the user select the voltage on the power stage that charges the energy reserve capacitors. The board can simulate a pyro fuse deployment by using a mounted dummy load or a real pyro fuse device through the dedicated connector.

VIO can be supplied internally by the mounted LDO regulator or externally by the MCU.

Revision history

Table 1. **Document revision history**

Date	Version	Changes
14-Sep-2026	1	Initial release.

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Table 1. Document revision history 2

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