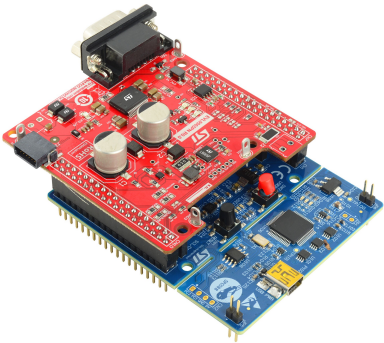


EVL9965P-N, EVL99BM2P-FN pyro-fuse driver board



Features

- Access all main pins through test points
- Onboard load resistor connection through jumper
- Possibility to interface board with MCU board (SPC582B-DIS or NUCLEO-L476RG)
- Possibility to interface board with the L9965C/L99BM2C promotion board
- Possibility to communicate with BUS CAN
- L9965 promotion environment with a dedicated GUI
- LEDs to report:
 - Main supply source (blue LED)
 - VIO source (yellow LED)
 - Fault status (red LED, green LED)

Product status link

[EVL9965P-N](#)

[EVL99BM2P-FN](#)

Application

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

Description

The [EVL9965P-N](#) and [EVL99BM2P-FN](#) are promotion boards designed to provide the user with a platform for evaluating the L9965P/L99BM2P devices in QFN package.

The EVL9965P/EVL99BM2P promotion board can also operate with L9965C/L99BM2C companion chip. This platform enables evaluation of L9965P and L99BM2P in typical 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
21-Apr-2026	1	Initial release.



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Table 1. Document revision history 2



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