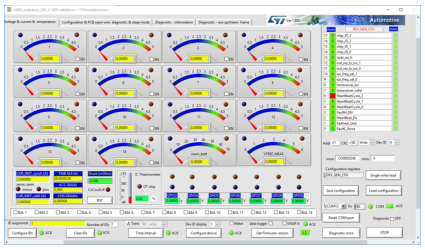
STSW-L9963

Data brief

L9963 evaluation Graphical User Interface (GUI)



Features

- Complete Graphical User Interface (GUI) for EVAL-L9963-MCU evaluation board
- Can be used to evaluate L9963 via EVAL-L9963-MCU + EVAL-L9963-NDS with up to 15 nodes
- Fully synchronized current and voltage cells samples measurement
- Coulomb counter support
- Allows the control of all the L9963 functionalities such as balancing and temperature measurement
- High-level function for L9963 configuration
- Complete diagnostic monitoring
- Register level control of L9963
- Data logging and data export

Minimum system requirements

- EVAL-L9963-MCU with preloaded FW ver.1.5 (please refer to EVAL-L9963-MCU user manual for system requirements)
- PC with Windows 7.0 or higher
- Pre-installed third party software:
  - NI LabVIEW Run-Time™ 2014
  - NI-VISA Run-Time™ 4.6.2 or later
  - FTDI™ VCP (virtual com port) driver

Product status link
STSW-L9963

Order code	Reference
STSW-L9963	**STSW-L9963** L9963 evaluation GUI

Description

The STSW-L9963 is the PC Graphical User Interface (GUI) dedicated to set and control EVAL-L9963-MCU hardware tool for evaluation of L9963 automotive chip for battery management applications.

STSW-L9963 can be used for the evaluation of EVAL-L9963-MCU as a 48 V battery management system (BMS) or as lower stage of a distributed BMS (additional stages can be added thanks to up to 14 additional EVAL-L9963-NDS nodes).

STSW-L9963 allows the control of all the L9963 functionalities thanks to multiple tab for configuration, complete diagnostic monitoring, register level control. The GUI also allows data logging and data export for offline data analysis.

EVAL-L9963-MCU hosts an onboard microcontroller with preloaded GUI firmware intended to be used with STSW-L9963 PC Graphical User Interface.

Revision history

Table 1. **Document revision history**

Date	Version	Changes
27-Apr-2020	1	Initial release.

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