DS28EL25EVKIT

Evaluation System for the DS28EL25 and DS24L65

📄 NDA Required. Request Full Data Sheet

OVERVIEW

Description

The DS28EL25 evaluation system (EV system) provides the hardware and software necessary to evaluate and program the DS28EL25 DeepCover® Secure Authenticator. EV system operation requires a host PC for user-friendly evaluation.

This evaluation system includes a DS9400 USB-to-I²C PC adapter, a DS2465 EV board, a DS9120Q+ evaluation socket board for a TDFN DS28EL25, and five DS28EL25 sample devices in a TDFN package. The EV software runs on Windows® 8, Windows 7, Windows Vista®, and Windows XP® operating systems. Detailed instructions for downloading and installing software, as well as general EV system operation are included in the EV system data sheet; software and documentation is available at the link above.

Note: The DS9120Q+, DS2465 EV board, and DS9400# subcomponents are not available for direct sale outside of evaluation systems and data sheet specific to these components are not available.

Key Features

- Complete EV System:

- Five DS28EL25 ICs in TDFN-EP Package
- One USB-to-I^{2}C Module (DS9400#) Provides PC Connection
- DS2465 EV Board Provides 1-Wire Interface and SHA-256 Coprocessor
- One EV Board (DS9120Q+) with TDFN-EP Socket Provides Easy Chip Evaluation
- USB-to-I^{2}C Module Contains Prolific PL-2303HXD USB-to-UART Chip
  - Enumerates as a Virtual PC COM Port
  - Windows Certified Logo USB Device Driver Available
  - Standard USB Cable Interface
- I^{2}C Host Interface Supports 400kHz I^{2}C Communication Speeds
- EV Board Contains Convenient On-Board Test Points
- Evaluation Software Will Be Provided Along with Full Evaluation Kit Data Sheet