

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-I²C 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-I²C 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
- I²C Host Interface Supports 400kHz I²C Communication Speeds
- EV Board Contains Convenient On-Board Test Points
- Evaluation Software Will Be Provided Along with Full Evaluation Kit Data Sheet

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