DS28EL15EVKIT
Evaluation System for the DS28EL15

NDA Required. Request Full Data Sheet (https://support.maximintegrated.com/en/nda/basic.mvp?doc_type=datasheet&doc_id=8255&team_id=0)

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OVERVIEW

Description

The DS28EL15 evaluation system (EV system) provides the hardware and software necessary to evaluate and program the DS28EL15 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 DS28EL15, and five DS28EL15 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; this is available on request at the link to the right.

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 DS28EL15 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 Available by Request

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