DS1964S Evaluation Kit

Evaluates: DS1964S

General Description

The DS1964S DeepCover™ Secure Authenticator iButton® evaluation system (EV system) provides the hardware and software necessary to evaluate the DS1964S. The EV system consists of a single evaluation kit (EV kit) that includes two DS1964S devices, a DS1402-RP8 cable, a DS9400# USB-to-I^{2}C PC adapter, and a DS2465EVKIT# evaluation board to be used as a 1-Wire® master and a SHA-256 coprocessor. **Note:** The DS9400# and the DS2465EVKIT# EV board subcomponents are not available for direct sale outside of EV kits.

Features

- Demonstrates the Basic Features of the DS1964S
- USB-to-I^{2}C Module Contains Prolific PL-2303HXD USB-to-UART Chip
  - Enumerates as a Virtual PC COM Port
  - Standard USB Cable Interface
- Evaluation Software Available to Exercise Device Functions
- Microsoft Windows®-Compatible Software

Quick Start

This section is intended to give the DS1964S evaluator a list of recommended equipment and instructions on how to setup and use the Windows-based evaluation software.
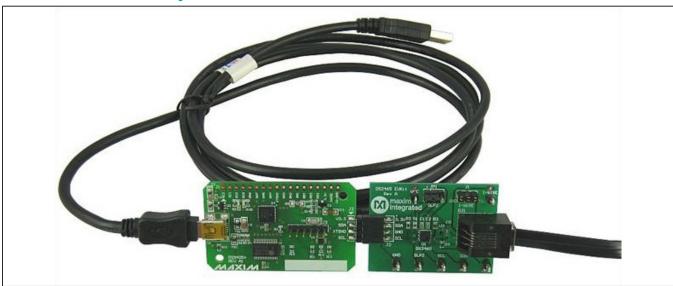
Note: In the following sections, software-related items are identified by bolding. Text in **bold** refers to items directly from the EV kit software. Text in **bold and underlined** refers to items from the Windows operating system.

Recommended Equipment

- DS9400# USB-to-I^{2}C adapter (included)
- DS2465EVKIT# I^{2}C-to-1-Wire EV board with SHA-256 coprocessor (included)
- USB Type-A to USB Mini Type-B cable (included)
- DS1402-RP8 1-Wire network cable (included)
- PC with Microsoft Windows system and a spare USB port

Ordering Information appears at end of data sheet.

DS1964S Evaluation System

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PRELIMINARY

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