TSL2522 EVM

Quick Start Guide

Highly sensitive ambient light sensor

amⓤ **OSRAM**
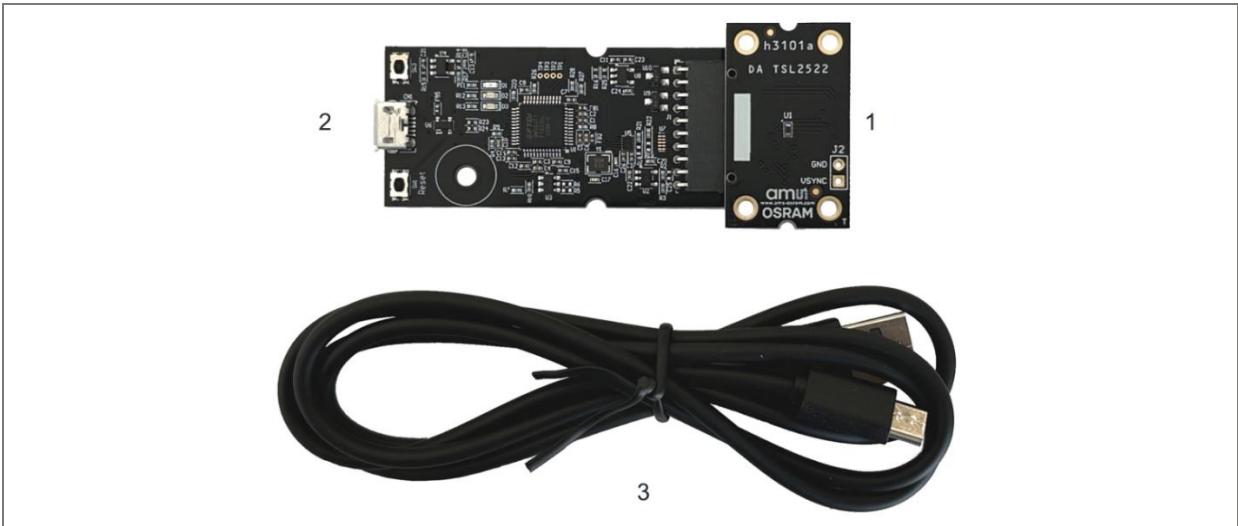
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1　Out of the box

> **Referring documents:**
>
> For a detailed description of the TSL2522 EVM, please refer to User Guide:
>
> • UG001007

Each TSL2522 Evaluation Kit comes with the following components:

Figure 1: Evaluation kit contents

No.	Item	Description
1	TSL2522 Daughter Card	PCB with TSL2522 sensor installed
2	EVM Controller Board	Used to communicate USB to I²C
3	USB Cable (A to Micro-B)	Connects EVM controller to PC

2   Software installation

1. Download the GUI software installer from the ams OSRAM website.

2. Run the **Setup.exe** file from the downloaded media.

3. The Setup Wizard will open and guide you through the installation of the TSL2522 host software. For most cases, all the default settings are appropriate.

4. The EVM Controller board requires the installation of FTDI CDM drivers. If these drivers are not installed on your machine, this setup will automatically launch the installer for the FTDI drivers.

5. At the end of the installation, click Finish to exit the setup.

3   Hardware connection

1. Plug the TSL2522 Daughterboard into the Controller board (Figure 1). Always use ESD procedures when handling the EVM.

2. Using the enclosed USB cable, plug the micro-B connector into the EVM module. With the other end of the cable, plug the USB A-connector into a USB port on the computer.

3. When the USB cable is connected, the green LED should light up, indicating that the USB interface is receiving power and the controller board processor is running. If the green LED does not light up, check the USB cable connections - unplug the USB cable and try again. If the green LED still does not light up, check the PC for USB error messages.

4   Start the application

To start the application, select "ams-OSRAM > TSL2522 EVM" on the All Programs menu. The default installation directory, depending on the device and the operating system you are using, is:

•   C:\Program Files\ams-OSRAM\TSL2522_EVM (Windows 32-bit operating systems)

•   C:\Program Files (x86)\ams-OSRAM\TSL2522_EVM (Windows 64-bit operating systems)

The user can select a different install path during installation. When the application starts, the TSL2522 window will open on the PC and automatically connect to the hardware.

5 Uninstall application

To remove the software from your computer, right-click "ams-OSRAM > TSL2522 EVM" and select Uninstall or use the Windows Control Panel.

6 Revision information

Definitions

Draft / Preliminary:
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- Page and figure numbers for the previous version may differ from page and figure numbers in the current revision.
- Correction of typographical errors is not explicitly mentioned.

7 Legal information

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