



# Quick Start Guide

**TCS3400 EVM**

**TCS3400 Light-To-Digital Color Ambient Light Sensor**

**Version 1.0**



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## 1 Out of the Box

Each TCS3400 Evaluation Kit comes with the following components:

- Controller board v2.1
- TCS3400 Daughterboard
- USB Cable with A connector and mini B connector
- Flash Drive with Application Software and Documents



Figure 1 TCS3400 EVM Kit

## 2 Software Installation

Most PCs should have one or more Universal Serial Bus (USB) ports. Install the ams flash drive into an unused USB port. Double-click the **Setup.exe** file on the flash drive, or click Start -> Run and type E:setup.exe and press Enter. **IMPORTANT:** Use the appropriate drive letter in the above command to install the software. Flash Drive will commonly be assigned the next available drive letter for example C: hard drive D: CD-ROM E: flash drive

The Setup Wizard will open and guide you through the installation of the TCS3400 host software, (Figures 2 through 8). To re-install, run the setup.exe program again. To remove the software from your computer (Figure 9), select ams -> TCS3400 EVM -> Uninstall TCS3400 EVM or use the Windows Control Panel.

## 3 Connect Hardware

Plug the TCS3400 Daughterboard into the Controller board. (Figure 1) Always use ESD procedures when handling the EVM.

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

## 4 Start the Application

To start the application select ams->TCS3400 EVM->DigitalLightSensor on the All Programs menu.



Figure 2 Welcome Screen

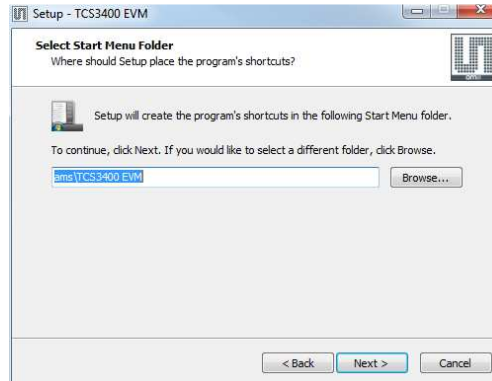


Figure 5 Select Start Menu Folder

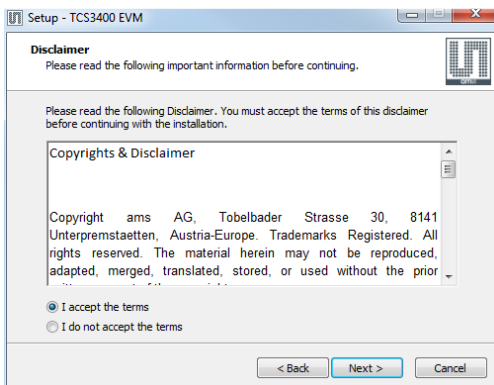


Figure 3 Liability Disclaimer

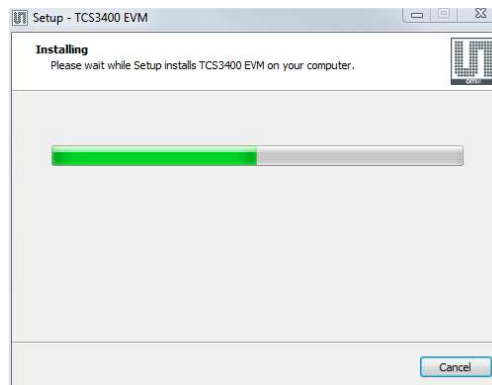


Figure 6 Installation in Progress

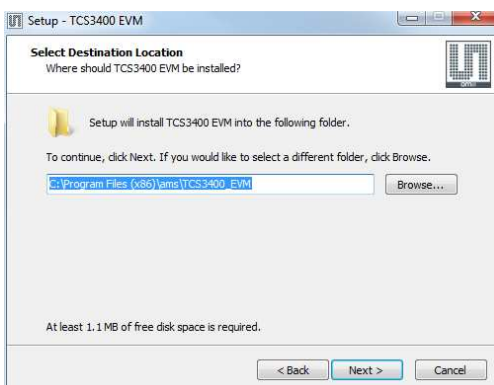


Figure 4 Select Installation Folder

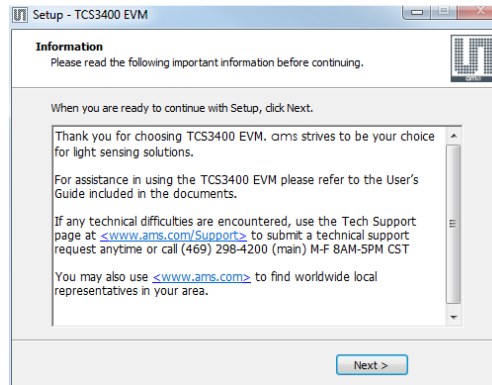


Figure 7 Information Screen



Figure 8 Installation Completed Successfully

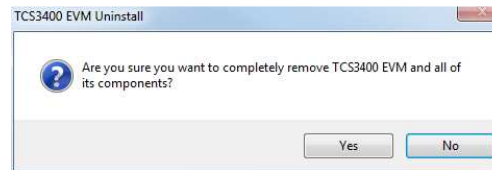


Figure 9 Remove Installation

## 5 Contact and Support

For detail in using the TCS3400 EVM please refer to the User's Guide included in the documents.

If any technical difficulties are encountered, use the Tech Support page at [www.ams.com/Support](http://www.ams.com/Support) to submit a technical support request anytime or call (469) 298-4200 (main) M-F 8AM-5PM CST

You may also use [www.ams.com](http://www.ams.com) to find worldwide local representatives in your area.