

Product Document



Quick Start Guide

QG000141

TCS3408

ALS/Color Sensor with Selective Flicker Detection

TCS3408 EVM

v1-00 • 2019-Aug-22

Content Guide

1	Out of the Box.....	3
2	Software Installation.....	4
3	Connect Hardware.....	6
4	Start the Application.....	7
5	Uninstall Application.....	8

1 Out of the Box



For a detailed description of the TCS3408 ALS/Color Sensor with Selective Flicker Detection Evaluation Kit, please refer to User Guide:

- UG000450

Each TCS3408 Evaluation Kit comes with the following components:

Figure 1 :
Evaluation Kit Contents



No.	Item	Description
1	TCS3408 Daughter Card	PCB with TCS3408 sensor installed
2	EVM Controller Board	Used to communicate USB to I2C
3	USB Cable (A to Mini-B)	Connects EVM controller to PC
4	Flash Drive	Includes application installer and documents

2 Software Installation

1. Plug the **ams** flash drive into an unused USB port
2. 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
3. The Setup Wizard will open and guide you through the installation of the TCS3408 host software, (Figure 2 through Figure 8)
4. At the end of the installation, click Finish to exit the setup.

Figure 2:
Welcome Screen

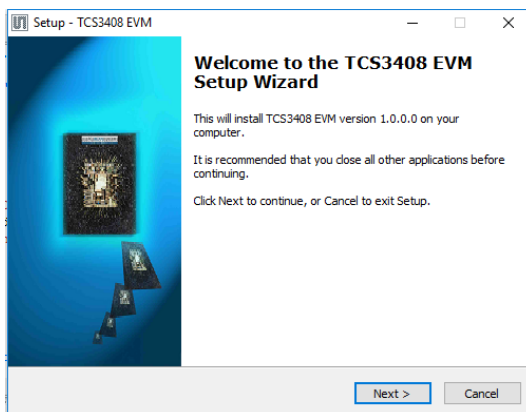


Figure 3:
Liability Disclaimer

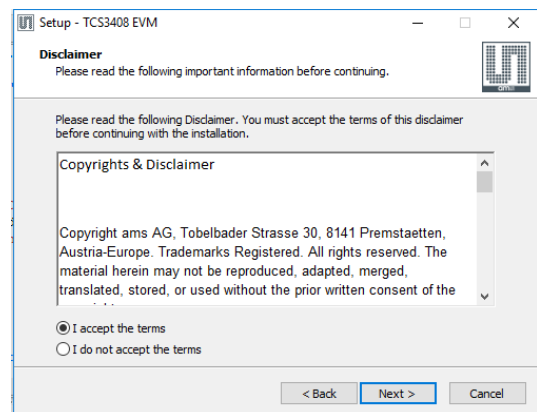


Figure 4:
Select Installation Folder

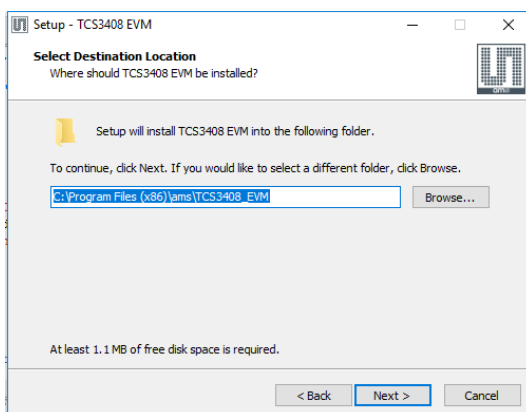


Figure 5:
Select Start Menu Folder

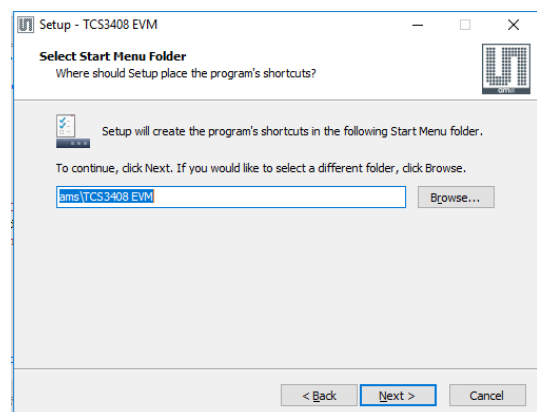


Figure 6:
Installation in Progress

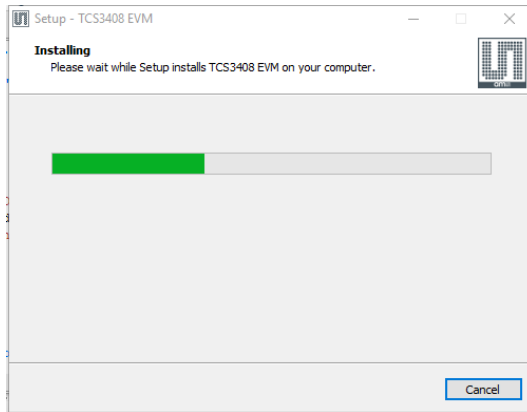


Figure 7:
Information Screen

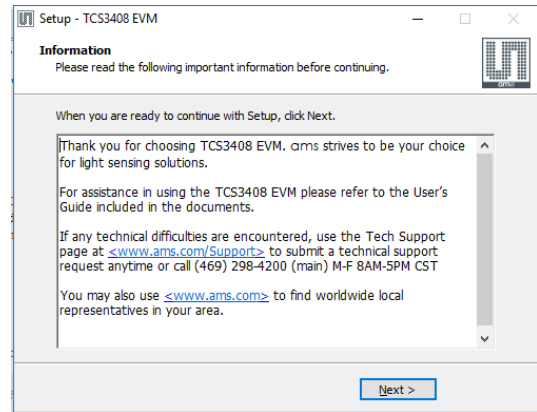
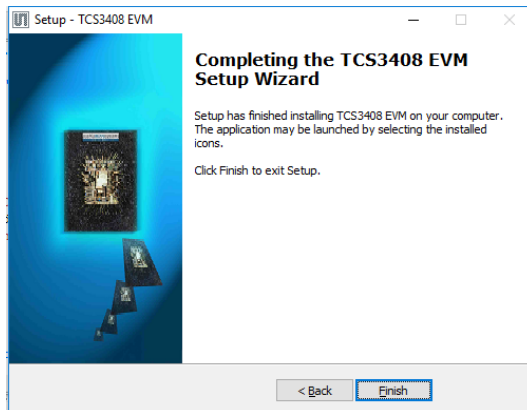


Figure 8:
Installation Completed Successfully



3 Connect Hardware

Plug the TCS3408 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.

When the USB cable is connected, the green LED should flash momentarily on power up to indicate that power is being received via the USB interface, and the controller board processor is running. If the green LED does not flash, check the USB cable connections; unplug the USB cable and try again. If the green LED still does not flash, check the PC for USB error messages.

4 Start the Application

To start the application select ams > TCS3408 EVM > TCS3408 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\TCS3408_EVM (Windows 32 bit operating systems)

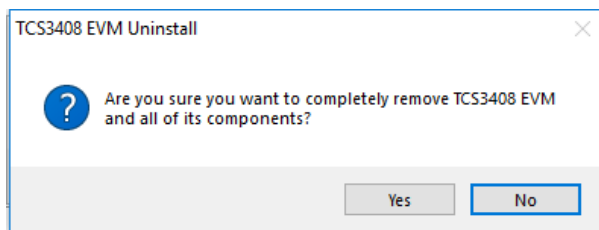
C:\Program Files (x86)\ams\TCS3408_EVM (Windows 64 bit operating systems)

A different install path may be selected by the user during the install (Figure 4). When started, the TCS3408 window will open on the PC and automatically connect to the hardware.

5 Uninstall Application

To remove the software from your computer (Figure 9), select **ams > TCS3408EVM > Uninstall TCS3408 EVM** or use the Windows Control Panel.

Figure 9:
Remove Installation



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