

Product Document



Quick Start Guide

QG001016

TMD2621

TMD2621 EVM

Proximity Sensor Module for Behind OLED Applications

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1 Out of the Box

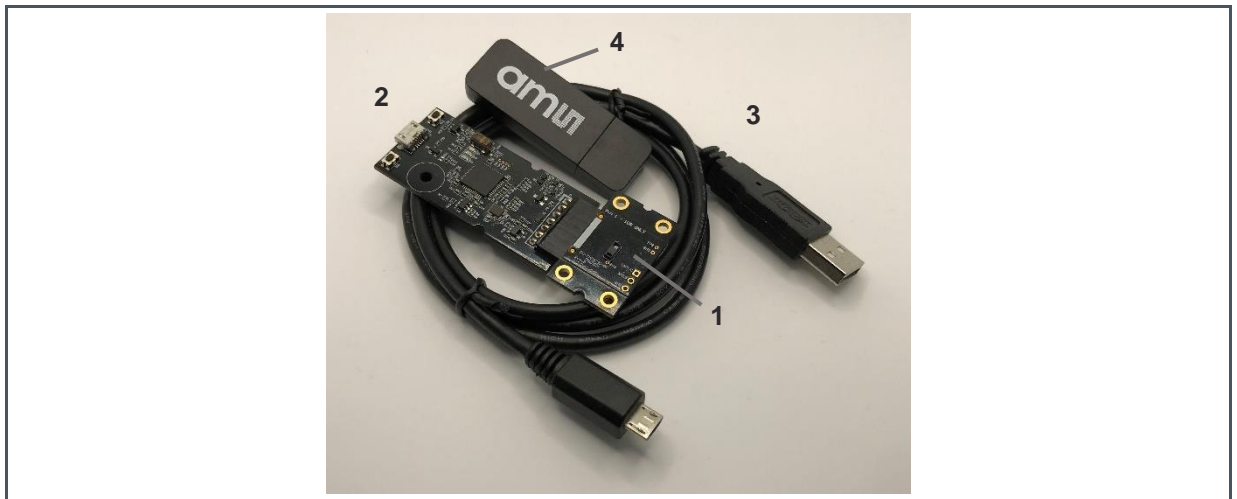


For a detailed description of the TMD2621 EVM Proximity Sensor Module for Behind OLED Applications, please refer to User Guide:

- TMD2621 EVM User Guide – UG001026

Each TMD2621 Evaluation Kit comes with the following components:

Figure 1:
Evaluation Kit Contents



No.	Item	Description
1	TMD2621 EVM Daughter Card	PCB with TMD2621 sensor installed
2	EVM Controller Board	Used to communicate USB-to-I2C
3	USB Cable (A to Micro-B)	Connects EVM controller to PC
4	Flash Drive	Contains application and document installer

2 Software Installation

1. Plug the 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 TMD2621 EVM host software, (Figure 2 through Figure 8).
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.

Figure 2:
Welcome Screen

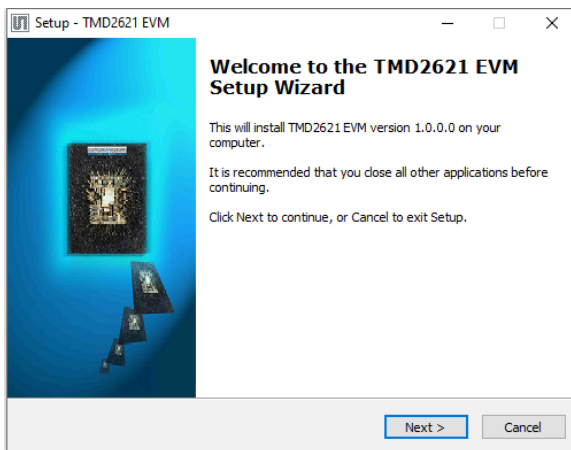


Figure 3:
Liability Disclaimer

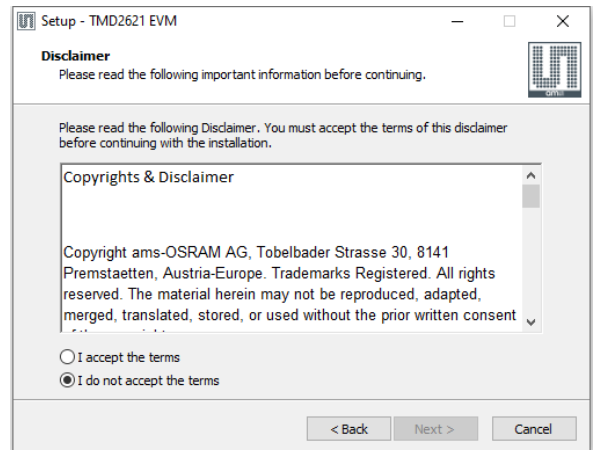


Figure 4:
Select Installation Location

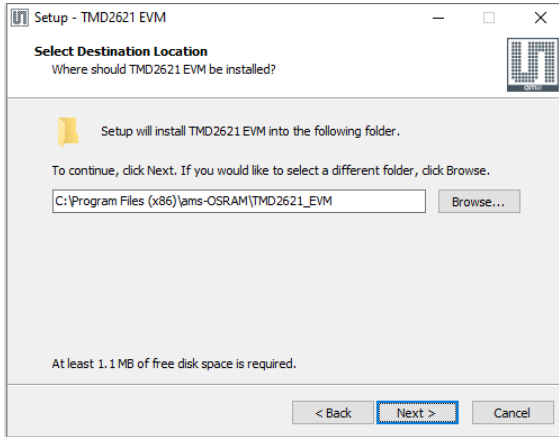


Figure 5:
Select Start Menu Folder

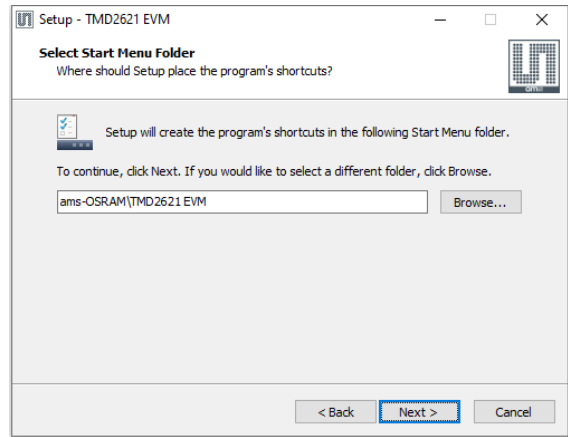


Figure 6:
Installation Progress

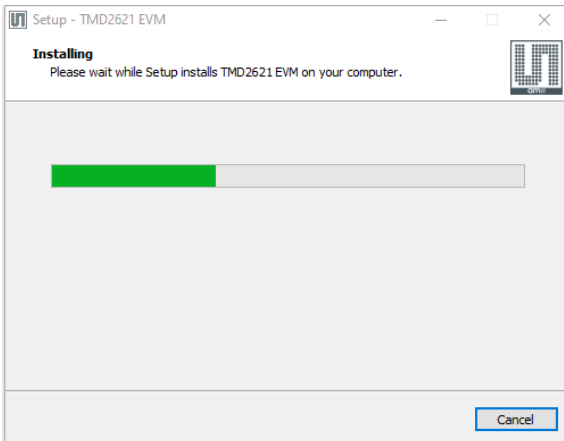


Figure 7:
Information Screen

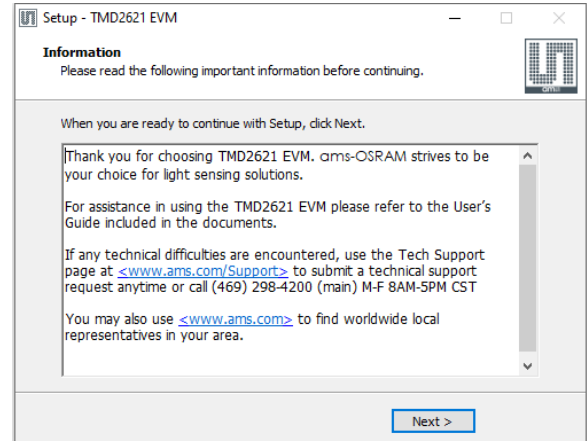
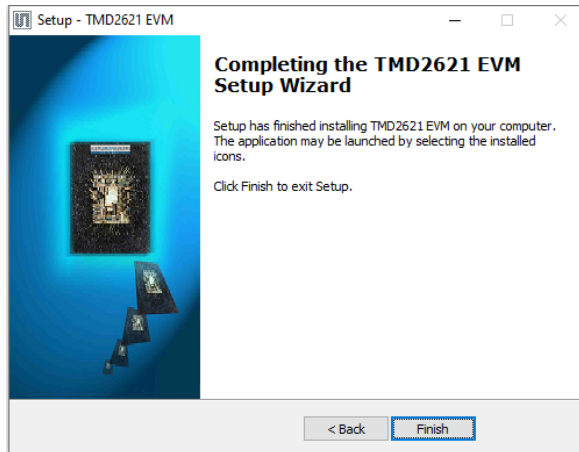


Figure 8:
Installation Completed Successfully



3 Connect Hardware

Plug the TMD2621 EVM Daughterboard into the Controller board (Figure 1). Always use ESD procedures when handling the EVM.

Using the enclosed USB cable, plug the micro-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 light to indicate that power is being received via the USB interface, and the controller board processor is running. If the green LED does not light, check the USB cable connections; unplug the USB cable and try again. If the green LED still does not light, check the PC for USB error messages. When the software application is run, it will turn off the green LED.

4 Start the Application

To start the application select `ams-OSRAM > TMD2621 EVM > TMD2621 EVM` on the system menu. The default installation directory depending on the device and the operating system you are using is:

`C:\Program Files\ams-OSRAM\TMD2621_EVM` (Windows 32-bit operating systems)

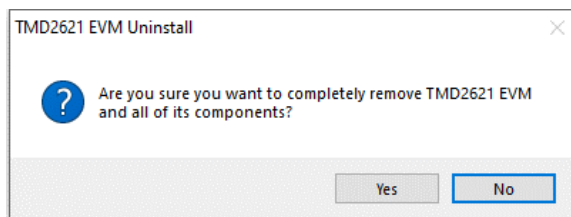
`C:\Program Files (x86)\ams-OSRAM\TMD2621_EVM` (Windows 64-bit operating systems)

A different install path may be selected by the user during the install (Figure 4). When started, the TMD2621 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-OSRAM > TMD2621 EVM > Uninstall TMD2621 EVM** or use the Windows Control Panel.

Figure 9:
Remove Installation



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