



# Quick Start Guide

**TWRPI-PROXIMITY**  
Capacitive Proximity  
Sensor Plug-In



# Get to know the TWRPI-PROXIMITY

## Features

- Capacitive proximity sensing
- Proximity detection up to ~1 inch
- Four discrete touch-sensing electrodes
- Compatible with TSS 3.1 and above



**\*Tower System module not included with TWRPI-PROXIMITY plug-in**



## TWRPI-PROXIMITY Freescale Tower System

The TWRPI-PROXIMITY module is part of the Freescale Tower System portfolio, a modular development platform that enables rapid prototyping and tool reuse through reconfigurable hardware. Elevate your design to the next level by building your Tower System today.

# Step-by-Step Installation Instructions

## 1 Install the TWRPI-PROXIMITY

- Identify an open touch-sense TWRPI socket on a TWRPI-compatible Tower System module.
- Identify the correct orientation of the TWRPI-PROXIMITY. The TWRPI is keyed and uniquely sized to only fit in the appropriate TWRPI socket with the correct orientation.
- Carefully insert the TWRPI-PROXIMITY into the touch-sense TWRPI socket.

## 2 Verify Latest Software Installation

Check **[freescale.com/tss](https://www.freescale.com/tss)** for touch library updates to make sure you have the latest software.

## 3 Follow the Respective Tower System Module Quick Start Guide

Follow the TSS library quick start guide to run the demo for the board being used.





## Support

Visit **[freescale.com/support](http://freescale.com/support)** for a list of phone numbers within your region.

## Warranty

Visit **[freescale.com/warranty](http://freescale.com/warranty)** for complete warranty information.

For more information, visit **[freescale.com/Tower](http://freescale.com/Tower)**

Join the online Tower community at **[towergeeks.org](http://towergeeks.org)**

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