



Quick Start Guide

TWRPI-PROXIMITY
Capacitive Proximity
Sensor Plug-In



TOWER SYSTEM

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 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 for a list of phone numbers within your region.

Warranty

Visit freescale.com/warranty for complete warranty information.

For more information, visit freescale.com/Tower

Join the online Tower community at towergeeks.org

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