



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Quick Start Guide

TWRPI-KEYPAD

12-key Capacitive Touch
Keypad Plug-In



TOWER SYSTEM



Get to know the TWRPI-KEYPAD

Features

- 12 discrete capacitive electrodes
- Electrodes are arranged in a 12-key numeric telephone-keypad layout
- Supported by the TSS library
- Compatible with Freescale Tower System modules that feature Tower Plug-In (TWRPI) sockets



*Tower System module (black development board in image) not included with TWRPI-KEYPAD plug-in



TWRPI-KEYPAD Freescale Tower System

The TWRPI-KEYPAD module is part of the Freescale Tower System portfolio, a modular development platform that enables rapid prototyping and tool re-use 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-KEYPAD

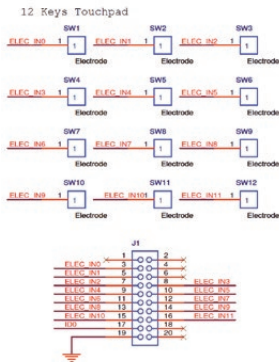
- Identify an open general purpose TWRPI socket on a TWRPI-compatible Tower System module.
- Identify the correct orientation of the TWRPI-KEYPAD. The TWRPI is keyed and uniquely sized to only fit in the appropriate TWRPI socket with the correct orientation.
- Carefully insert the TWRPI-KEYPAD into the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



TWRPI Connector Pinout



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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