KITMPR084EVM: 8-Pad Touch MPR084 Evaluation Board ☆

Overview | Documentation | Downloads | Buy / Specifications

Data Sheet | Buy

This evaluation kit features the MPR084 proximity sensor controller that is intended for applications where non-contact sensing of objects is desired. The kit allows for designers to easily evaluate the MMPR084 in any application, specifically capacitive touch sensing. The connector offers access to all electrodes, enabling you to connect the touch pad board or any other electrode design of your choosing.

Features

- Sample electrode board demonstrates key pad touch sensor
- Machined plastic cover for front panel non-contact touch evaluation
- Access to all 8 electrodes
- A Graphical User Interface that gives the user the ability to set many operational parameters
- USB Connectivity

Related Software and Tools

KITMPR083EVM: 8-Position Rotary MPR083 Evaluation Board



Supported Devices

Touch Sensors

Featured Documentation

PROXKITMPR084QSG: MPR084 Evaluation Kit Quick Start Guide
MPR084EVALUG: MPR084EVALUG, MPR084 Proximity Evaluation Kit User's Guide

Kit Contains

- MPR084 Proximity Sensor Controller and an MC68HC908JB8JDW microcontroller
- Sample key pads
- Plastic cover for key pads
- Standard 15 pin header
- LEDs – 1 for PWR, 1 per Pad
- Resistors – for each electrode
- Processor – MC68HC908JB8JDW
- 8 key pad – Reference design
- USB connectivity for power and PC access
- USB cable

Increase Your Knowledge

Design News Update
Subscribe for design tips, tricks and product news delivered to your inbox.

On-Demand Training
Learn from the experts at your convenience.

© 2004-2014 Freescale Semiconductor, Inc. All rights reserved.

See what other engineers are interested in: What's This?

Products
MPR084: 8-Pad Touch Sensor Con...
MPR121: Proximity Capacitive T...
MPR083: 8-Position Rotary

Documentation
MPR084, Proximity Capacitive T...
MPR083, Proximity Capacitive T...
AN3761, Using Freescale Device...

Software and Tools
DEMOMPR083: Demonstration Boar...
KITMPR121EVM: Freescale Sensor...
Setup MPR08X Proximity Evaluat...

Applications
Heating Ventilation and A...
Augmented Reality
Process Control, Temperat...

More