Capacitive Touch Screen 2-Wire 32-Pin QFN EP T/R

Manufacturer:	Microchip Technology, Inc
Package/Case:	QFN
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free ![RoHS]
Lifecycle:	Active
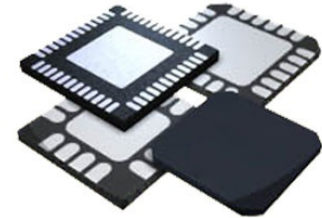
Images are for reference only

Inquiry

General Description

The CAP1214 is a turnkey capacitive touch controller providing a wide variety of button and proximity functionality, and making it easy for designers to add aesthetically pleasing, low-cost and robust touch interfaces. The CAP1214 also contains 11 LED drivers that offer full-on / off, variable rate blinking, dimness controls, and breathing. Each of the LED drivers may be linked to one of the sensor inputs to be actuated when a touch is detected. As well, each LED driver may be individually controlled via a host controller.It also can implement a slider with acceleration and position detection

Key Features

14 Capacitive Touch Sensor Inputs

11 LED Driver Outputs

Slider with Acceleration and position detection

Feedback pin to drive external transducer

Programmable sensitivity

Automatic recalibration

Low Power operations

8kV protection

Communication

I²C™ and SMBus

Package Type

32-pin QFN

Recommended For You

CAP1298-1-SL-TR

Microchip Technology, Inc

SOIC-14

CAP1126-1-AP-TR

Microchip Technology, Inc

QFN16

CAP1208-1-SL

Microchip Technology, Inc

SOP14

CAP1203-1-SN

Microchip Technology, Inc

SOP8

CAP1203-1-SN-TR

Microchip Technology, Inc

SOP8

CAP1298-1-SL

Microchip Technology, Inc

SOIC

CAP1206-1-AIA-TR

Microchip Technology, Inc

DFN10

CAP1206-1-SL-TR

Microchip Technology, Inc

SOIC-14

CAP1293-1-SN-TR

Microchip Technology, Inc

SOP8

CAP1133-1-AIA-TR

Microchip Technology, Inc

VDFN10

CAP1208-1-SL-TR

Microchip Technology, Inc

SOIC-14

CAP1006-1-AIA-TR

Microchip Technology, Inc

DFN10

CAP1208-1-A4-TR

Microchip Technology, Inc

VQFN16

CAP1206-1-SL

Microchip Technology, Inc

SOIC-14

CAP1293-1-SN

Microchip Technology, Inc

SOIC-8