

## Capacitive Touch Screen 2-Wire 14-Pin SOIC N Tube

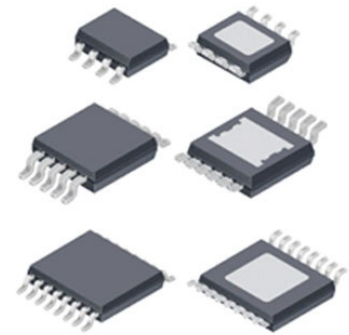
**Manufacturer:** [Microchip Technology, Inc](#)

**Package/Case:** SOIC

**Product Type:** Drivers

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active



Images are for reference only

[Inquiry](#)

## General Description

The CAP1298 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. It also offers improved proximity detection with its Signal Guard option.

## Key Features

8 Capacitive Touch Sensor inputs

Programmable sensitivity

Automatic recalibration

Combo Mode: Key and Proximity

Press and Hold feature for Volume-like Applications

Proximity Detection

Signal Guard

Low Power operations

8kV protection

I<sup>2</sup>C™ and SMBus

3.0V to 5.5V

16-pin QFN, 14-pin SOIC

## 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

**CAP1214-1-EZK-TR**

Microchip Technology, Inc  
QFN

**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