
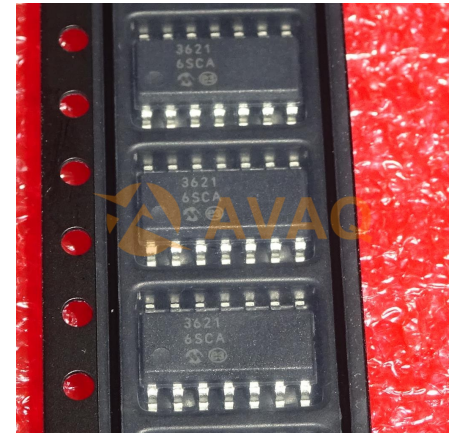


## multiple channel capacitive touch sensor controller

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	SOIC-14
<b>Product Type:</b>	Drivers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	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

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### **CAP1126-1-AP-TR**

Microchip Technology, Inc

QFN16

### **CAP1208-1-SL**

Microchip Technology, Inc

SOIP14

### **CAP1203-1-SN**

Microchip Technology, Inc

SOP8

### **CAP1203-1-SN-TR**

Microchip Technology, Inc

SOP8

### **CAP1298-1-SL**

Microchip Technology, Inc

SOIC

### **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