


## Capacitive Touch Screen 16-Pin QFN EP T/R

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	QFN16
<b>Product Type:</b>	Drivers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

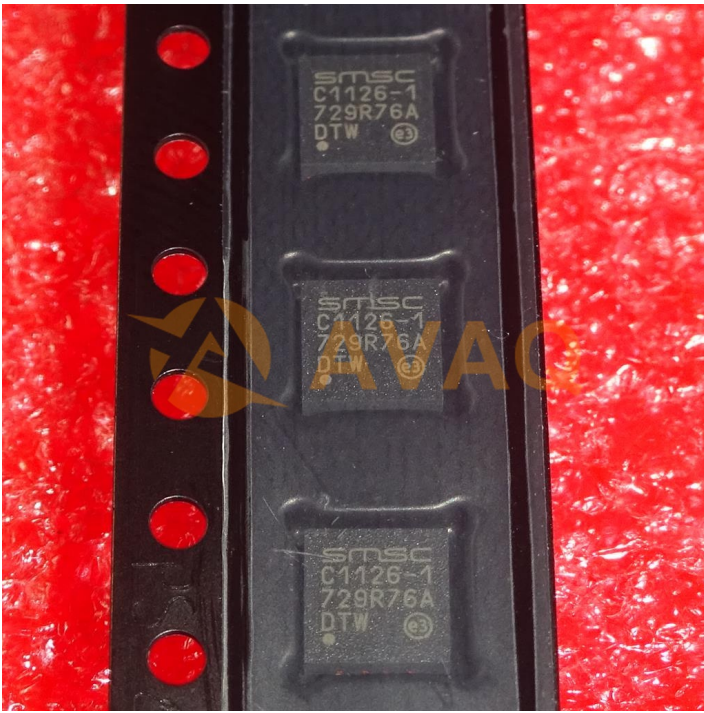
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### General Description

The CAP1126 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 CAP1126 also contains 2 LED drivers that offer full-on / off, variable rate blinking, dimmness 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.

### Key Features

- 6 Capacitive Touch Sensor Inputs
- 2 LED Driver Outputs
- Programmable sensitivity
- Automatic recalibration
- Individual thresholds for each button
- Proximity Detection
- Multiple Button Pattern Detection
- Analog Filtering for System Noise Sources
- Press and Hold feature for Volume-like Applications
- Low Power Operation
- I<sup>2</sup>C™ and SMBus
- 10-pin 3x3 DFN



## Recommended For You

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

Microchip Technology, Inc  
SOIC-14

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

Microchip Technology, Inc  
SOP14

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

Microchip Technology, Inc  
SOP8

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

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

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### **CAP1214-1-EZK-TR**

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### **CAP1206-1-AIA-TR**

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