

Capacitive Touch Sensor w/Proximity Detection & Signal Guard

Manufacturers [Microchip Technology, Inc](#)

Package/Case VDFN-10

Product Type Interface ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for CAP1296-1-AIA-TR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The CAP1296 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.

Features

6 Capacitive Touch Sensor inputs

Programmable sensitivity

Automatic recalibration

Combo Mode: Key and Proximity

Press and Hold feature for Volume-like Applications

Power Button support

Signal Guard

Low Power operations

8kV protection

Communication interface

I²C™ and SMBus

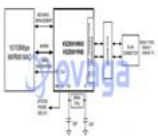
Operating Conditions

3.0V to 5.5V

Package type

10-pin 3x3 DFN, 14-pin SOIC

Related Products



[KSZ8091RNBCA](#)

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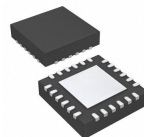
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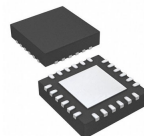
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