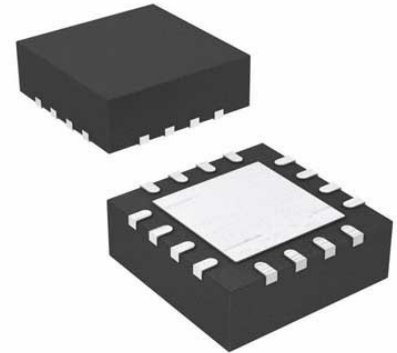


Touch Screen/Proximity Controller, 8-CH Capacitive, I2C, SMBus Interface, 3V or 5.5V Supply, QFN-16

Manufacturers	Microchip Technology, Inc
Package/Case	VQFN-16
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for CAP1298-1-A4-TR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

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.

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

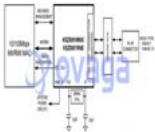
8kV protection

I²C™ and SMBus

3.0V to 5.5V

16-pin QFN, 14-pin SOIC

Related Products



[KSZ8091RNBCA](#)

Microchip Technology, Inc
VQFN-32



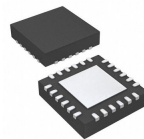
[CAP1114-1-EZK-TR](#)

Microchip Technology, Inc
VQFN-32



[KSZ8081RNBCA-TR](#)

Microchip Technology, Inc
QFN-32



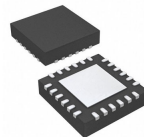
[KSZ8091RNACA-TR](#)

Microchip Technology, Inc
VQFN-24



[KSZ8081MLXCA-TR](#)

Microchip Technology, Inc
LQFP-48



[KSZ8081RNDCA-TR](#)

Microchip Technology, Inc
VQFN-24



[KSZ8081MLXCA](#)

Microchip Technology, Inc
LQFP-48



[KSZ8081MNXCA-TR](#)

Microchip Technology, Inc
VQFN-32