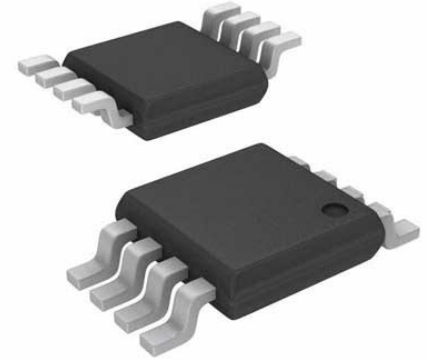Touch Screen/Proximity Controller, 2-CH Capacitive, Digital Output, 2.05V to 3.6V Supply, MSOP-8

Manufacturers	Microchip Technology, Inc
Package/Case	MSOP-8
Product Type	Interface ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for MTCH102-I/MS or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The MTCH102 is a 2 channels Proximity/Touch controller with simple digital outputs. The sensitivity and power mode can be configured. The MTCH102 device uses an advanced optimization algorithm to actively suppress noise from the signal to achieve reliable proximity/touch detection.

Features

High Signal to Noise Ration (SNR)

Moisture/ Water resistance

Simple I/O interface with existing system

Adjustable Sensitivity with compensation for different sensor sizes

Multi Stage Active noise suppression filters

Automatic Environmental compensation

Support for wide range of sensor shape and size
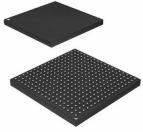
Flexible Low Power Mode

Related Products
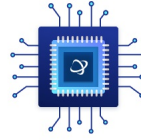
MTCH108-I/SS

Microchip Technology, Inc

SSOP-20

MTCH105-I/ST

Microchip Technology, Inc

TSSOP-14

VSC7430XMT

Microchip Technology, Inc

324-BGA

VSC7410XMT

Microchip Technology, Inc
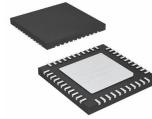
TMC2072-MT

Microchip Technology, Inc

TQFP-100

MTCH652T-I/SS

Microchip Technology, Inc

SSOP-28

MTCH650T-I/SS

Microchip Technology, Inc

SSOP-28

MTCH650T-I/MV

Microchip Technology, Inc

UQFN-28