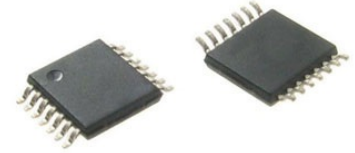


Touch Screen/Proximity Controller, 5-CH Capacitive, Digital Output, 2.05V to 3.6V Supply, TSSOP-14

Manufacturers	Microchip Technology, Inc
Package/Case	TSSOP-14
Product Type	Interface ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MTCH105-I/ST or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MTCH105 is a 5 channels Proximity/Touch controller with 5 simple digital outputs. The sensitivity and power mode can be configured. The MTCH105 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



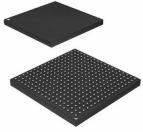
[MTCH108-I/SS](#)

Microchip Technology, Inc
SSOP-20



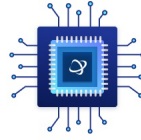
[MTCH102-I/MS](#)

Microchip Technology, Inc
MSOP-8



[VSC7430XMT](#)

Microchip Technology, Inc
324-BGA



[VSC7410XMT](#)

Microchip Technology, Inc



[TMC2072-MT](#)

Microchip Technology, Inc
TQFP-100



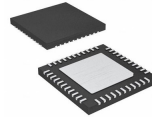
[MTCH652T-I/SS](#)

Microchip Technology, Inc
SSOP-28



[MTCH650T-I/SS](#)

Microchip Technology, Inc
SSOP-28



[MTCH650T-I/MV](#)

Microchip Technology, Inc
UQFN-28