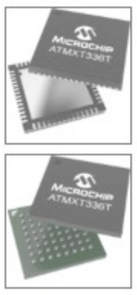

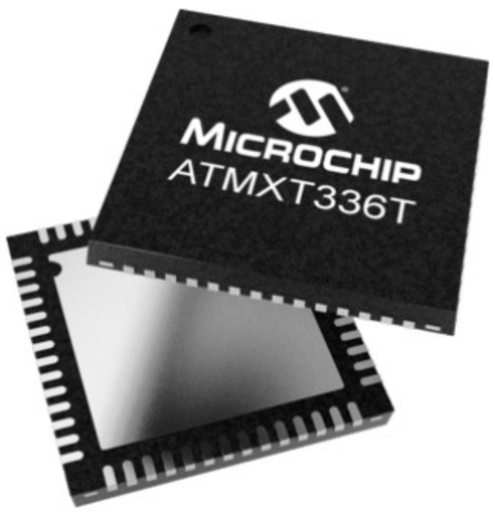

ATMXT336T

Buy Now

Status: In Production

Features:

- Supports up to 10 concurrent touches in real time with touch size reporting
- Communication via I2C serial interface
- Internal high voltage to increase signal to noise ratio (SNR)
- Adaptive Sensing (Self and Mutual cap)
- Supports thick glove (5mm) touch
- Support thick lenses (up to 3mm plastic)

View More

Overview | Documents | Development Environment | RoHS Information | Buy Now

Summary

The recommended alternative touch controller is ATMXT336U.

The mXT336T uses the latest capacitive touch technologies that Microchip has designed for the highest-performance smart phones. With a revolutionary adaptive-sensing architecture that features both mutual- and self-capacitance, it enables the highest performance with the industry's lowest power consumption.

With 336 nodes, the mXT336T touchscreen controller supports Hover, 1.0mm passive stylus, thick glove touch, moisture robustness and superior noise immunity.

Additional Features

Supports up to 10 concurrent touches in real time with touch size reporting

Communication via I2C serial interface

Internal high voltage to increase signal to noise ratio (SNR)

Adaptive Sensing (Self and Mutual cap)

Supports thick glove (5mm) touch

Support thick lenses (up to 3mm plastic)

Superior moisture performance

Parametrics

Name	Value
Interface Type	I2C
Max Screen Size (inch)	5.5
Operating Voltage Range (V)	3.3 to 3.3
Touch Response	>250 Hz
Temperature Range (°C)	-40 to 85
Touch Points	10
Nodes	336