# Change Notice

## IC Chip for Analog Touch Screen Controller Board

Type of Change:

☑ Engineering  ☑ Part Number
☑ Product  ☑ Appearance

**1.** The FT Series IC chip for the analog touch screen controller board will be discontinued and replaced with an alternate IC chip.  This change applies to standard and custom products.

| Discontinued Product | Alternate Product |
|---|---|
| FTCSU564 | FTCSU548 |

| General Specifications Comparison | | |
|---|---|---|
| | **FTCSU564** (Discontinued) | **FTCSU548** (Alternate) |
| **Package** | QFP 64 Pins | LFQFP 48 Pins |
| **Interface** | Serial Interface (Asynchronous) or USB (Full Speed 2.0) | Serial Interface (Asynchronous) or USB (Full Speed 2.0) |
| **Supply Voltage** | 3.3V/5.0V Typ; USB available for 5V only | 3.3V/5.0V Typ; USB available for 5V only |
| **Power Consumption** | 500mW (Temperature at 25°C) | ———— |
| **\* Rated Output Current** | ———— | 1.  –170mA      2.  +170mA |
| **Operation Frequency** | 6MHz | 16MHz |
| **A/D Converter Resolution** | 10bit | 10bit |
| **Operating Temperature** | –20°C ~ +85°C (–4°F ~ +185°F) | –20°C ~ +85°C (–4°F ~ +185°F) |
| **Storage Temperature** | –40°C ~ +125°C (–40°F ~ +257°F) | –40°C ~ +125°C (–40°F ~ +257°F) |

**\*** Total Output Electric Current Amount of all the I/O port:  1.  High Level  2.  Low Level

### Notes

Refer to the data sheet and drawing when using this product.
Contact NKK Switches if more details are needed.

### Effective Date

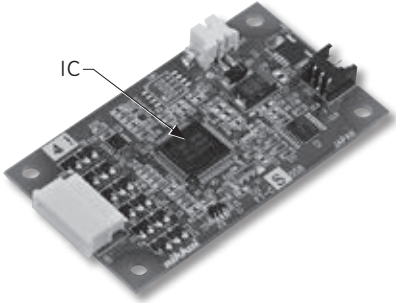The alternate IC chip for FT Series will be available March 6, 2017.

# Change Notice

## Replacement IC Chip Used in Controller Boards

**2.** As a result of the FT Series alternate IC chip replacing the discontinued one, the analog touch screen controller boards shown below will be effected. In addition to these standard part numbers, custom controller boards are also included.

IC

| FT Touch Screen Controller Boards | | | |
|---|---|---|---|
| FTCS04B | FTCU04B | FTCS05B | FTCU05B |

**Notes**

There are no changes to dimensions or specifications.
Contact NKK Switches if more details are needed.

**Effective Date**

The FT Series Controller Boards with the alternate IC chip for will be available August 2017.