

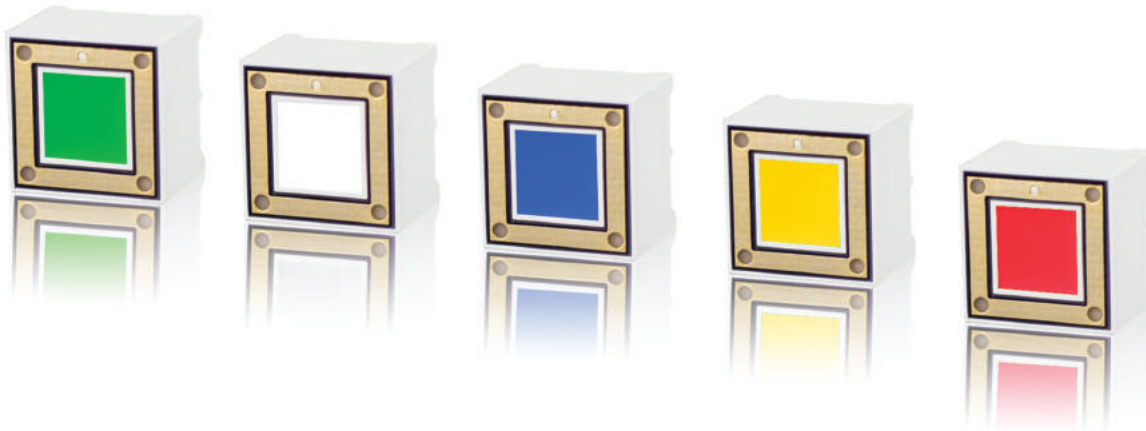
CTH Series

Capacitive Touch Sensor Display

Through Hole - 15.0 x 15.0 x 11.0 mm



The LED-based CTH Series capacitive touch sensor display combines graphic interactive control with color identification to make the interface more user-friendly. Utilizing sensitive capacitive touch sensing technology, the CTH Series simplifies designs and offers cost savings by eliminating the need for a traditional switch.



Technology

[Integrated touch sensing and display technology](#)

Mounting Type

[Through Hole \(industry standard pitch 0.100"\)](#)

Color

[Super Red, White, Pure Green, Blue, Yellow](#)

Touch Sensor

[Integrated Circuit \(IC\)](#)

Optional Overlay (icons)

[On/Off, Arrow, Alarm *](#)

Compliance

[RoHS, REACH](#)

Capacitive touch sensor display technology provides a fast and intuitive interface for users and simplifies customer interactions. The CTH series is offered with or without graphic overlay (standard icons*), and in a range of colors which enables the device interface to be more user friendly and intuitive.

The capacitive touch sensor display is available in one standard size 15.0mm x 15.0mm x 11.0mm with industry standard pitch (0.100") and has a high optical clarity due to LED technology.

Offered in a wide range of colors: super red, yellow, blue, pure green and white, with or without standard icons.

The CTH series simplifies devices design and manufacturability, and also improves the device's overall reliability for use in various applications.

* Custom overlay icons can be manufactured upon request. Contact VCC



Product Specification

- Integrated touch sensing and display technology
- Mounting type: through hole (industry standard pitch 0.100")
- Color: super red, white, pure green, blue or yellow
- Touch sensor: integrated circuit (IC)
- Available in one standard size: 15.0mm x 15.0mm x 11.0mm
- Capacitive sensor still functional when hands are wet
- Simplifies devices design and manufacturability
- Uniform illumination and high optical clarity due to LED technology
- Optional overlay (icons): on/off, arrow, alarm
- Custom overlay icon can be manufactured upon request - contact VCC
- Robust design due to no mechanical moving parts
- Capacitive sensor still functional when hands are covered with certain types of gloves.
- Compliant with RoHS and REACH requirements

Part Number

Ordering: CTH-Series

| Part Number | Color | Overlay |
|------------------|------------|---------|
| CTHS15CIC01 | Super Red | N/A |
| CTHS15CIC01ONOFF | Super Red | On/Off |
| CTHS15CIC01ARROW | Super Red | Arrow |
| CTHS15CIC01ALARM | Super Red | Signal |
| CTHS15CIC07 | Yellow | N/A |
| CTHS15CIC07ONOFF | Yellow | On/Off |
| CTHS15CIC07ARROW | Yellow | Arrow |
| CTHS15CIC07ALARM | Yellow | Signal |
| CTHS15CIC05 | Pure Green | N/A |
| CTHS15CIC05ONOFF | Pure Green | On/Off |
| CTHS15CIC05ARROW | Pure Green | Arrow |
| CTHS15CIC05ALARM | Pure Green | Signal |
| CTHS15CIC06 | Blue | N/A |
| CTHS15CIC06ONOFF | Blue | On/Off |
| CTHS15CIC06ARROW | Blue | Arrow |
| CTHS15CIC06ALARM | Blue | Signal |
| CTHS15CIC04 | White | N/A |
| CTHS15CIC04ONOFF | White | On/Off |
| CTHS15CIC04ARROW | White | Arrow |
| CTHS15CIC04ALARM | White | Signal |

Applications



Transportation ●



Kitchen Appliance



Consumer Device



Kitchen Equipment



Electronic Device



Electronic Device

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