

Noritake *itron*[®]

Glass Capacitive Type Touch Switch Module

Enhance your own design

Design your own unique switch panel.

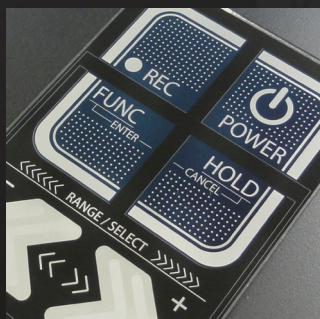
Create your own bold design giving a high gloss metallic* finish which is photo-etched directly onto a clear glass panel.

The hard wearing finish gives a long operating life without risk of degradation to the display pattern due to mechanical wear.

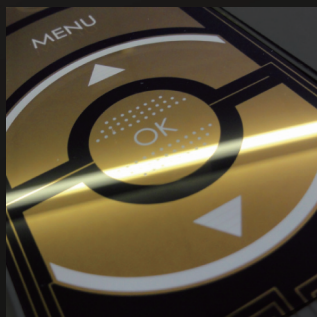
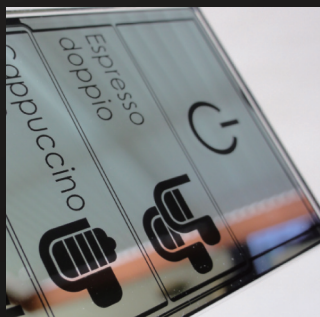
* Photo-etched aluminum thin film



Semi-custom example



Custom design example



Beauty not like any other



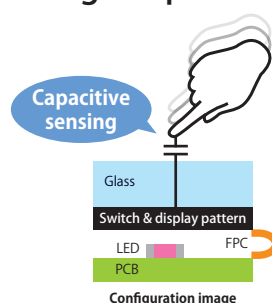
Make a difference to your Touch Switch by designing a precise pattern that achieves a high gloss metallic finish on a clear glass front panel. This will enhance the your product giving a unique luxurious appearance.

Clean easy cleaning surface



The flat glass surface can easily be kept clear of heavy dirt by simply wiping clean with a soft cloth and glass cleaner detergent.

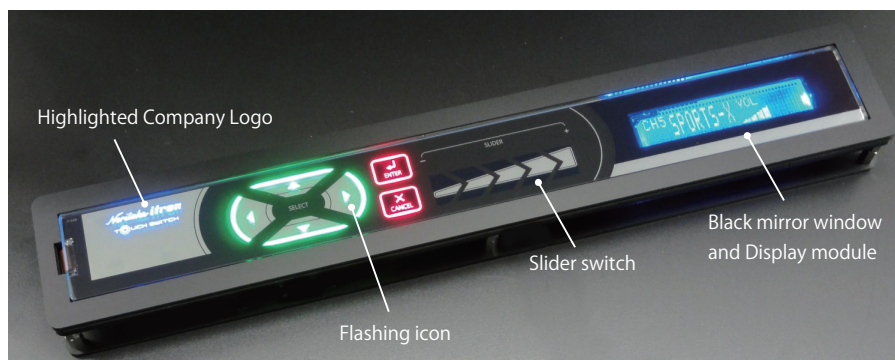
Longevity longer Operating life



The hard glass surface protects the display pattern from aging and wear and tear. The Touch Switch's circuit and display pattern are photo-etched on the back side of the glass panel.

CUSTOM DESIGN

Design your own Touch Switch with the following finishes

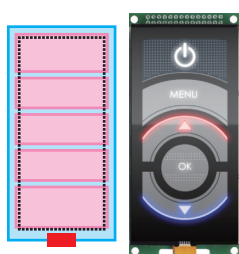


Touch Switch background is available in the following finishes: reflective (mirror), gold, black, white, and transparent. Please ask us for other options like signal interface, daughter board, and Touch Switch glass only.

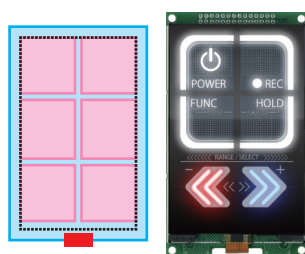
SEMI CUSTOM MODULES

Fast and easy solution with Semi-custom Touch Switch modules

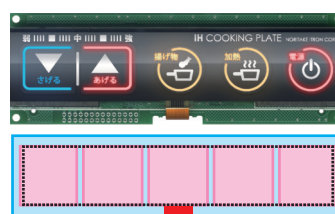
The following base models are available and user definable area is highlighted in pink. **Design examples**



Type A
(5 switches)



Type B
(2x3 matrix switches)



Type C
(5 switches)

- Glass outline
- User definable area
- Pattern printable area
- FPC cable connection

Semi-custom module outline

Outline size

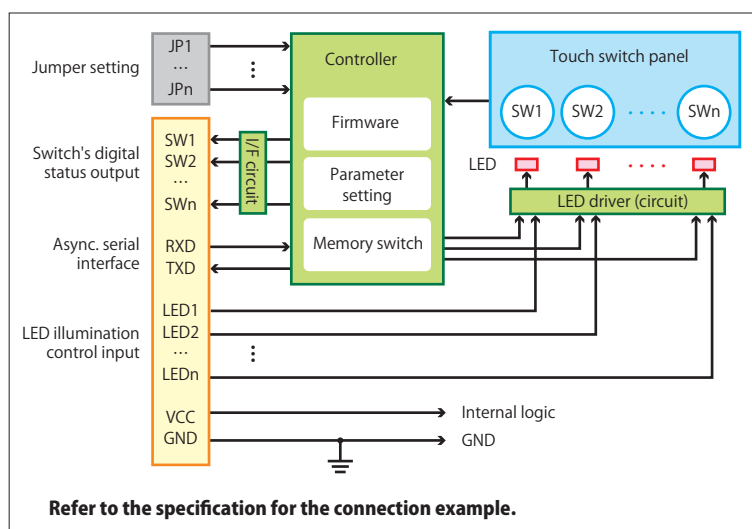
(Unit: mm)

Base model	PCB	Glass panel
Type A	112.0 x 51.0	98.0 x 49.0
Type B	112.0 x 64.0	98.0 x 63.0
Type C	154.0 x 51.0	152.0 x 36.7

Common specification

Power supply	5V / 35mA (TYP.)
Interface	Open drain type digital output for switch status LED control input Async. serial to communicate with the controller
Function	Touch-Switch status read out Touch-Switch calibration LED illumination control Boot(up) setting change

Block diagram



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