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## 8.4 inch capacitive touchscreen kit



Structure: glass + glass

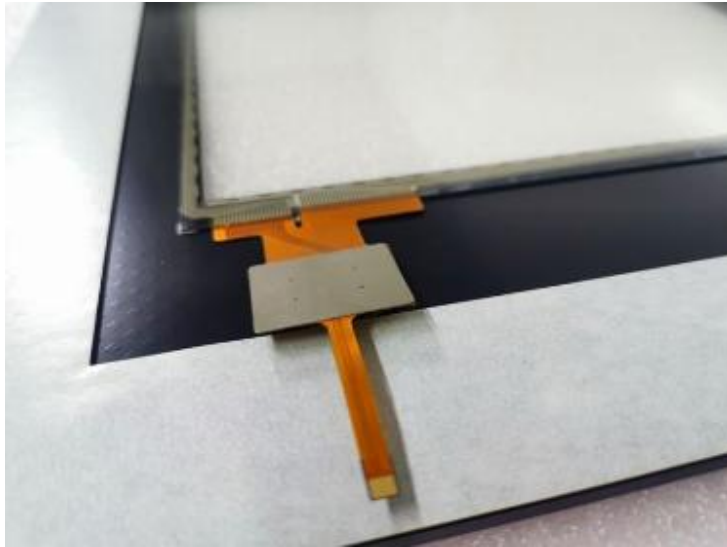
Cover glass:  $273.4 \pm 0.2 * 273.4 \pm 0.2 * 3.0 \pm 0.15$  MM

Sensor size:  $178.2 \pm 0.2 * 140.84 \pm 0, 2 * 0.55 \pm 0.05$  MM

### Product details

## 8.4 Inch Capacitive Touchscreen Kit

We offer customized glass capacitive touchscreen solutions that are prepared according to customer needs. Our touch screens can be produced in a selected shape, color, with logo and other additional elements according to the specifications provided.



8.4-inch protruding capacitive touchscreen	
Model number	084GG0379
kind	PCAP
Structure	+ Glass
Cover glass size	$273.4 \pm 0.2 * 273.4 \pm 0.2 * 3.0 \pm 0.15$ mm
Sensor size	$178.2 \pm 0.2 * 140.84 \pm 0.2 * 0.55 \pm 0.05$ MM
VA lens cover	$171 \pm 0.1 * 129 \pm 0.1$ MM
ITO glass thickness	0.55MM
Cover glass thickness	3.0MM
Total thickness	$3.75 \pm 0.1$ MM
Superficial hardness	$\geq 6$ H
Transparency	$\geq 85\%$
operating temperature	$-20\text{ }^{\circ}\text{C} \sim 70\text{ }^{\circ}\text{C} \leq 90\%$ RH
Storage temperature	$-30\text{ }^{\circ}\text{C} \sim 80\text{ }^{\circ}\text{C} \leq 90\%$ RH
INTEGRATED CIRCUIT	GT9271

CTP interface	IIC
Contact points	5-10 points
Touch Accuracy	± 1mm
Linearity	± 1mm
OEM / ODM	we can make this product according to your design and put your logo
MOQ	100pcs
Sample lead time	12 working days
Series production lead time	2-4 weeks normally, it depends on the quantity of the order
Payment terms	sample: by paypal or by western union mass production order: T / T on our company bank account, 50% deposit, 50% balance before shipment
warranty	12 months
Package	plastic tray or antistatic foam or paper card or envelope or cardboard

#### Functional principle of the capacitive touch panel

Effective electronic control divides the touchscreen into pixel-sized sensor cells, which are arranged by tiny monorail wires, without ITO coating. When the display is turned on, it has no effect on vision. These wires are connected to the control board and each wire has its own fixed electromagnetic oscillation frequency. Contact with the glass surface causes a change in the oscillation frequency around the wire, so the contact point is determined by the control panel and the main program. Compared to the traditional surface capacitive touchscreen, the PCT sensor control panel and the main program determine the contact point. Compared to the traditional surface capacitive touchscreen, PCT technology is more sensitive.

The unique PCI WIWO detection feature eliminates user worries and won't have to worry about credit cards, pens and other possible objects to destroy the sensor.

## Scope of

The introduction of WIWO meets the needs of touch technology. WIWO is very reliable and durable. This structure can prevent damage to sensors caused by moisture and surface pollution. The heat treatment and the surface treatment make the touchscreen bright and clear. The touchscreen can be used on many occasions, including medical displays, self-help computers, industrial human-machine interfaces (HMI), ATMs and self-help music boxes.