

NEW TFT LCD Screen Display with PCAP

Winstar, introduced the new 2" IPS TFT-LCD module with Projected Capacitive Touchscreen (PCAP). The module has a built-in with ST-7789VI driver IC, supports MCU and SPI interface with a resolution of 240×320 dots. It is featured with an IPS panel that has the advantage of wider view angle, a brightness of 450 nits (typical value), and an aspect ratio of 3:4 (typical value). The supply voltage for analog is from 2.4V to 3.6V (the typical value is 3.3V); it supports a single detect point for CTP.

Operational Temperature Range: -20°C to +70°C

Storage Temperature Range: -30°C to +70°C.

WFO200BTYAJDNGO

Item	Contents	Unit
Size	2	inch
Dot Matrix	240 x RGB x 320(TFT)	dots
Module Dimension	38.4(W) x 51.9(H) x3.98(D)	mm
Active Area	30.60 x 40.80	mm
Pixel Pitch	0.1275 x 0.1275	mm
LCD Type	TFT, Normally Black, Transmissive	----
TFT Interface	MCU / SPI	----
TFT Driver IC	ST7789VI or Equivalent	----
Viewing Angle	80/80/80/80 (IPS)	----
Aspect Ratio	3:4	----
Backlight Type	LED, Normally White	----
PCAP Driver IC	GT911 or Equivalent	----
PCAP Interface	I2C	----
PCAP FW	92	----
PCAP Resolution	240 * 320	----
Touch Panel	Projected Capacitive Touch Screen (PCAP)	----
Surface	Glare	----

