

NEW High Brightness IPS TFT Display with PCAP

Winstar introduced the **new 7" IPS TFT-LCD with PCAP touch**. The module is built in with HX8249-A + HX8678-C IC Driver IC, supporting 24-bit RGB interfaces. Its surface adopts a glare-glass with a 15:9 aspect ratio. The supply voltage range is from 2.7V to 3.6V. It has a resolution of 800x480 pixels, a high contrast ratio of 1,000:1, and a high brightness of 800 nits.

Operational Temperature Range of -30°C to +80°C
Storage Temperature Range of -40°C to +85°C.

WF70A9SWAGDNGO

Item	Contents	Unit
Size	7.0	Inch
Dot Matrix	800 x RGB x 480(TFT)	Dots
Module Dimension	165.8 (W) x 106.61 (H) x 8.5(D)	mm
Active Area	152.40 x 91.44	mm
Pixel Pitch	0.1905 x 0.1905	mm
LCD Type	TFT, Normally Black, Transmissive	----
View Direction	80/80/80/80	----
TFT Interface	24-bit RGB	----
TFT Driver IC	HX8249-A + HX8678-C or Equivalent	----
Aspect Ratio	15:9	----
Backlight Type	LED, Normally White	----
PCAP IC	ILI 2130 or Equivalent	----
PCAP Interface	I2C	----
PCAP FW Version	0x07.0x00. 0x00. 0x00. 0x00. 0x07. 0x68. 0xA1	----
PCAP Resolution	16384 * 16384	----
Touch Panel	Projected capacitive touch panel (PCAP)	----
Surface	Glare	----

