



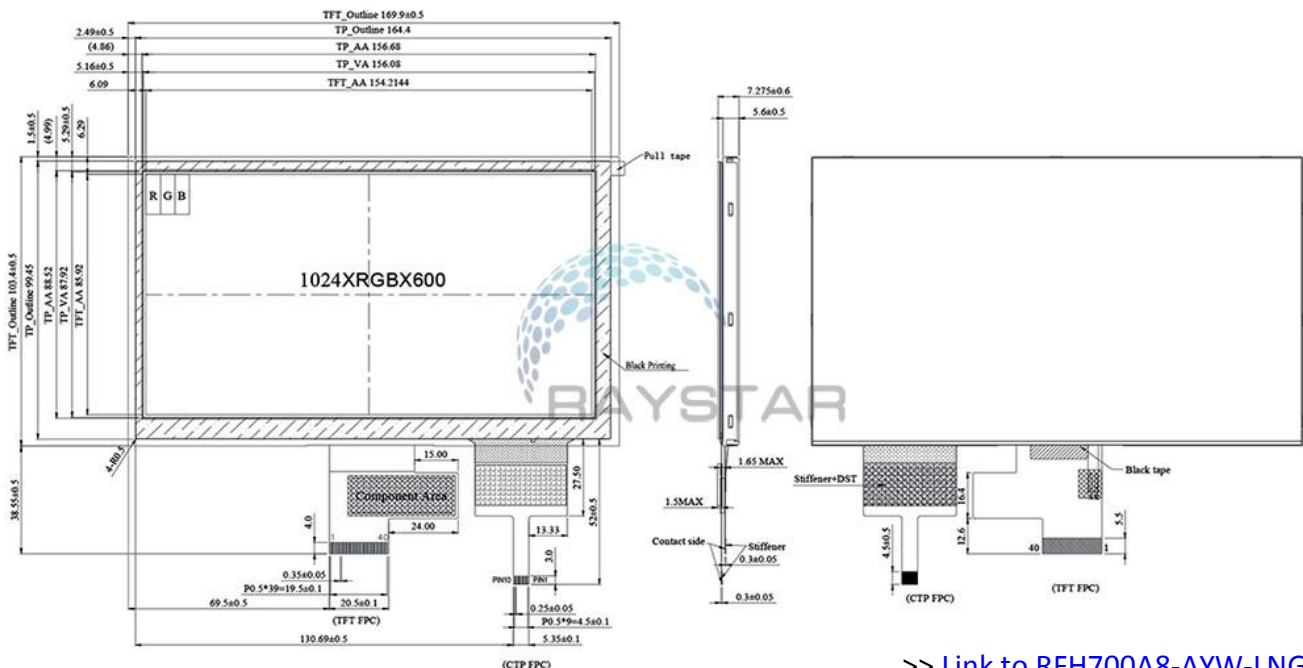
1. [RFH700A8-AYW-LNG] 7" 1024x600 IPS LVDS Touch Screen TFT Display

RFH700A8-AYW-LNG is a landscape mode 7 inch IPS TFT module, with Projected Capacitive Touch Panel, resolution 1024x600 pixels. RFH700A8 model is built in with ST5021 and ST5651 driver ICs, it supports LVDS interface, contrast ratio 800 (typical value), brightness 450 nits (typical value), aspect ratio 16:9, Glare surface glass, normally black, transmissive LCD type. The Projected Capacitive Touch Panel of RFH700A8 is built in with FT5426 IC which supports I2C interface. This 7" IPS TFT has a wider viewing angle than TN TFT, it's view angle is Left:85 / Right:85 / Up:85 / Down:85 degree (typical value).

The supply voltage (VDD) of RFH700A8-AYW-LNG is from 3.0V to 3.6V, typical value 3.3V. It can be operating at temperatures from -20°C to +70°C and storage temperatures from -30°C to +80°C. We also offer Resistive Touch Panel (RTP) optional for RFH700A8 model which P/N is RFH700A8-AYW-LNS.

Specification:

- Size: 7.0 inch
- Dot Matrix: 1024 x RGB x 600 dots
- Module dimension: 169.9 x 103.4 x 7.275 mm
- Active area: 154.2144 x 85.92 mm
- Dot pitch: 0.1506 x 0.1432 mm
- LCD type: TFT, Normally Black, Transmissive
- Viewing Angle: 85/85/85/85
- Aspect Ratio: 16:9
- Driver IC: ST5021 + ST5651 or Equivalent
- PCAP IC: FT5426 or Equivalent
- PCAP Interface: I2C
- PCAP FW Version:V03
- Backlight Type: LED, Normally White
- Touch Panel: PCAP
- Interface: LVDS
- Surface: Glare



>> [Link to RFH700A8-AYW-LNG](#)

2. [RFF70VA2-1IW-DHG] 7" PCAP TFT Display Compatible with HDMI Interface

RFF70VA2-1IW-DHG is a 7 inch supporting HDMI (Only DVI) signal TFT-LCD module with Projected Capacitive Touch Panel (PCAP); it's made of WVGA 800x480 resolution. RFF70VA2-1IW-DHG comes with a control board which supports HDMI signal interface and a 40-pin GPIO connector on board; it is designed to make Raspberry Pi usage become easily. This display has a USB interface Capacitive Touch Screen overlay on TFT panel. We designed a connector and USB cable for option, the customers can use it to connect RFF70VA2-1IW-DHG module with your Raspberry Pi directly. Please note, this part no. RFF70VA2-1IW-DHG does not include any HDMI connector or USB cable.

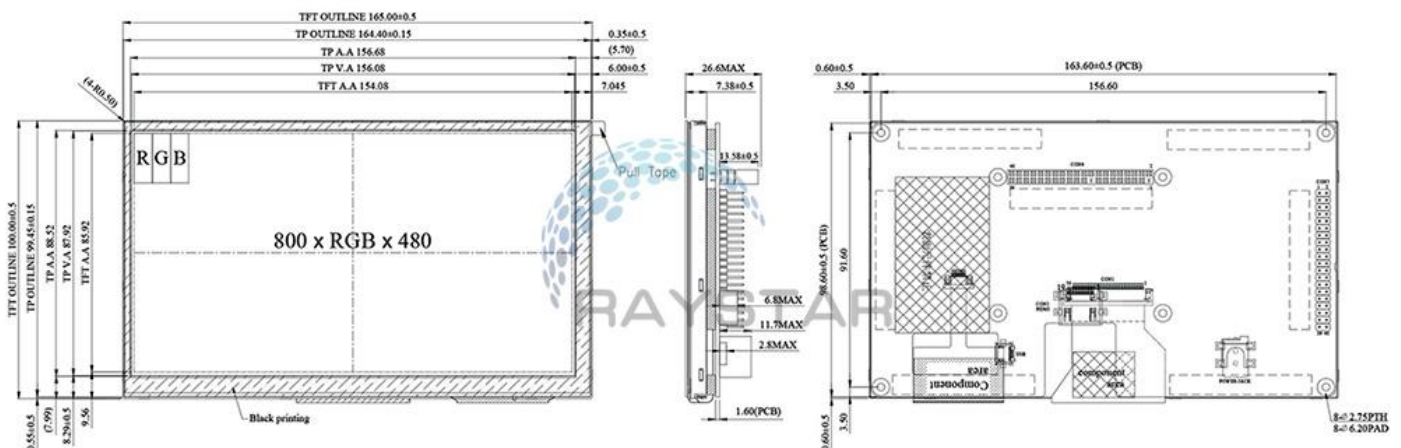
RFF70VA2-1IW-DHG is built in with TFP401 Controller IC convert signal to support HDMI (Only DVI) signal interface, as to the PCAP (CTP) IC is FT5426, it supports USB interface. The supply voltage for LCM (VDD) is typical value 5V. It is featured with Glare surface glass, view direction 12 o'clock, gray scale inversion 6 o'clock.

RFF70VA2-1IW-DHG: with a 40-pin header connector on board, supports up to Raspberry Pi 3B+ (contain Pi 4B) version. If customers choose displays supporting Raspberry Pi 4, please note that the interface is only compatible with micro HDMI. Customers need to use "Micro HDMI to HDMI" cable for these TFT series.

RFF700A2-1IW-DHG: without connector on board (do not support Raspberry).

Specification:

- Size: 7.0 inch
- Dot Matrix: 800 x RGB x 480 dots
- Module dimension: 165.0 x 100 x 26.6 mm
- Active area: 154.08 x 85.92 mm
- Dot pitch: 0.0642 x 0.179 mm
- LCD type: TFT, Normally White, Transmissive
- View Direction: 12 o'clock
- Gray Scale Inversion Direction: 6 o'clock
- Aspect Ratio: 16:9
- Backlight Type: LED, Normally White
- Interface: DVI (HDMI CN)
- PCAP IC: FT5426 or Equivalent
- PCAP FW Version: 03
- PCAP Interface: USB
- Touch Panel: PCAP
- Surface: Glare



>> [Link to RFF70VA2-1IW-DHG](#)

3. [RFF70VA2-1IW-DHS] 7" RTP TFT Display Compatible with HDMI Interface

RFF70VA2-1IW-DHS is a 7 inch Resistive Touch Panel TFT-LCD module which supports HDMI (Only DVI) signal; its resolution is made of WVGA 800x480 dots. RFF70VA2-1IW-DHS comes with a control board which supports HDMI (Only DVI) signal interface and a 40-pin GPIO connector on board; it is designed to make Raspberry Pi usage become easily. This display has a USB interface Resistive Touch Screen overlay on TFT panel. We designed a connector and USB cable for option, the customers can use it to connect RFF70VA2-1IW-DHS module with your Raspberry Pi directly. Please note, this part no. RFF70VA2-1IW-DHS does not include any HDMI connector or USB cable.

RFF70VA2-1IW-DHS is built in with TFP401 Controller IC convert signal to support HDMI (Only DVI) signal interface. The supply voltage for LCM (VDD) is typical value 5V. It is featured with Anti-Glare surface glass, view direction 12 o'clock, gray scale inversion 6 o'clock, aspect ratio 16:9.

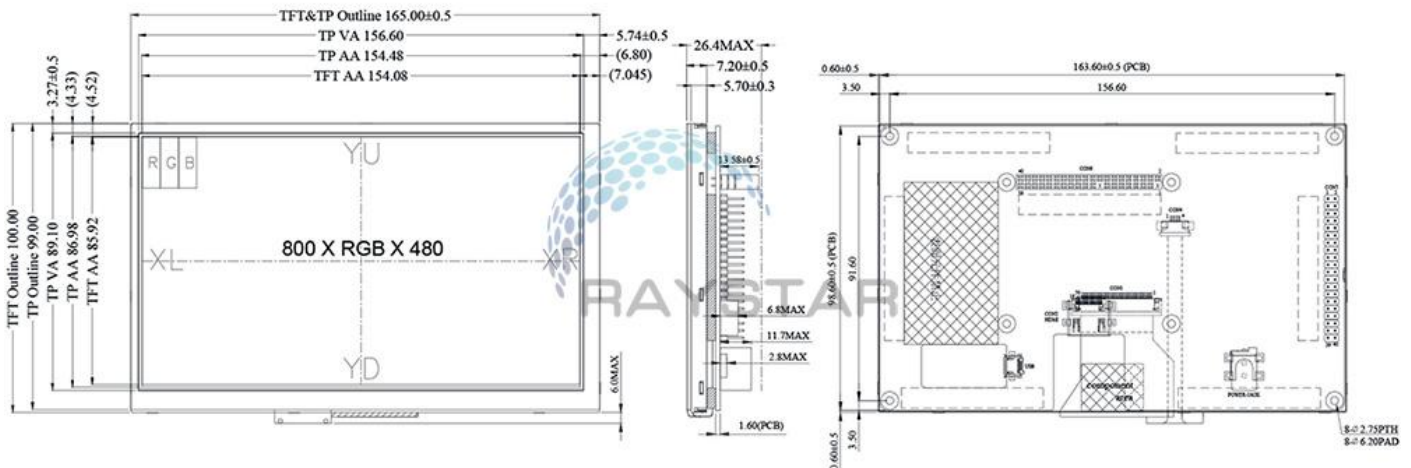
RFF70VA2-1IW-DHS: with a 40-pin header connector on board, supports up to Raspberry Pi 3B+ (contain Pi 4B) version. If customers choose displays supporting Raspberry Pi 4, please note that the interface is only compatible with micro HDMI. Customers need to use "Micro HDMI to HDMI" cable for these TFT series.

RFF700A2-1IW-DHS: without connector on board (do not support Raspberry).



Specification:

- Size: 7.0 inch
- Dot Matrix: 800 x RGB x 480 dots
- Module dimension: 165 x 100 x 26.4 mm
- Active area: 154.08 x 85.92 mm
- Dot pitch: 0.0642 x 0.179mm
- LCD type: TFT, Normally White, Transmissive
- View Direction: 12 o'clock
- Gray Scale Inversion Direction: 6 o'clock
- Aspect Ratio: 16:9
- Backlight Type: LED, Normally White
- Interface: DVI (HDMI CN)
- RTP Interface: USB
- Touch Panel: RTP
- Surface: Anti-Glare



>> [Link to RFF70VA2-1IW-DHS](#)