7" 800x480 TFT DSI Capacitive Touchscreen

DFR0678

Product Overview
5/30/2022
For the most up-to-date information, visit www.mouser.com or the supplier's website.
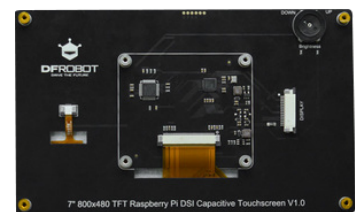
Description

DFRobot DFR0678 7" 800x480 TFT DSI Capacitive Touchscreen offers a 154.8mm x 85.92mm display area and supports the Raspberry Pi DSI display interface. This LCD touchscreen comes with a capacitive touch panel on its screen and supports five touchpoints. The TFT DSI capacitive touchscreen features special holes designed on the back of the screen that is convenient to directly install the Raspberry Pi in the product. This LCD touchscreen does not require external power as the Raspberry Pi power supply is adopted.

The TFT DSI capacitive touchscreen also supports hardware backlight adjustment. This function can be realized by turning the potentiometer on the back of the display.

Features

- Capacitive touchscreen
- Support 5 touchpoints.
- Raspberry DSI direct driver

Kit Contents

- 1x 7" 800x480 TFT Raspberry Pi DSI capacitive touchscreen (V1.0)
- 8x M2.5*8+6 Hexagonal copper column single-head
- 8x M2.5*6 DK4.9 machine screws
- 1x FPC Reverse direction cable 150mm
- 1x FPC Reverse direction cable 50mm

Specifications

- 3.3V operating voltage (supplied by Raspberry Pi display interface)
- 450mA maximum operating current
- 800*480 resolution
- Raspberry Pi DSI video interface
- 5X touchpoints
- 60°/70°/70°/70° viewing angle
- RGB888-16 Mega true color
- 60Hz refresh frequency
- 280cd/m2 luminous efficiency
- -20^0 to 70^0 operating temperature range
- 165mm×100mm (6.50" × 3.94") dimensions
- M2.5 mounting hole size
- 155mm x 80mm (6.10" × 3.15") outer mounting hole position
- 58mm x 49mm (2.28" x 1.93") inner mounting hole position

Mouser Part Number

View Part

To learn more, visit https://www.mouser.com/new/dfrobot/dfrobot-7-tft-dsi-capacitive-touchscreen/