

5" Raspberry Pi LCD Touchscreen

800 x 480 DFR0550

Product Overview

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Description

The DFRobot 5" Raspberry Pi LCD Touchscreen features 800 x 480 resolution and 108mm x 64.8mm display area. This LCD touchscreen is compatible with Raspberry Pi 3B/3B+. The 5" LCD touchscreen comes with special holes designed on the back of the screen to directly install the Raspberry Pi on the product. This LCD touchscreen supports hardware backlight adjustment. The 5" Raspberry Pi LCD touchscreen operates at 3.3V operating voltage and 320mA (maximum) operating current. Features include a capacitive touchscreen and support for 5 touch points.



The Raspberry Pi LCD Touchscreen is designed with special holes on the back of the screen which makes it convenient to directly install the Raspberry Pi in the product. There is no need to provide external power for the touchscreen as the Raspberry Pi power supply is adopted.

Features

- Capacitive touchscreen
- Support for 5 touch points
- The touchscreen's brightness can be adjusted via a potentiometer
- Raspberry DSI direct driver
- 800 x 480 resolution
- DISPLAY interface can be connected to Raspberry Pi's DISPLAY interface via FPC wiring

Specifications

- 3.3V (supplied by Raspberry Pi display interface) operating voltage
- 320mA maximum operating current
- 100mA screen-off current
- Raspberry Pi DSI video interface
- 60Hz refresh frequency
- -20°C to 70°C operating temperature range
- M2.5 mounting hole size

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-5-inch-touchscreen/>