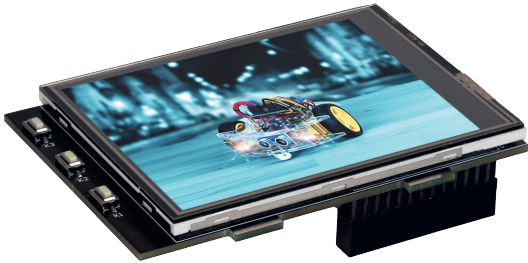# JOY-iT

3,2 " TFT TOUCHSCREEN DISPLAY
Resistive touchscreen display with a resolution of 320 x 240 pixels

Experience excellent display and intuitive operation with our 3.2" display, specially designed for your Raspberry Pi.

This display, despite its compact size, ensures that your content is always presented in vibrant colors and impressive sharpness with a brilliant resolution of 320x240 pixels.

A special feature of this display is its customizable LED backlight, which can be switched on or off directly via a GPIO pin on the Raspberry Pi. In addition, the display stands out with its three freely programmable buttons. You can configure these as you wish, be it for simple menu navigation, specific tasks or for quick access to certain functions. There are hardly any limits to your creativity here.

MAIN FEATURES

Display size	3.2 " (8.13 cm)
Resolution	320 x 240 pixels
Touchscreen type	Resistive single touch
Backlight	LED
Connection	GPIO Header
Communication protocol	SPI
Special features	3 freely assignable buttons (GPIO23, GPIO24, GPIO25), Directly pluggable to the Raspberry Pi Backlight controllable via pin (GPIO18)

TECHNICAL SPECIFICATIONS

Controller	XPT2046
IC driver	SSD1289
Colors	65536
Brightness	350 cd/m
Operating temperature	0 °C - +70 °C
Viewing angle (horizontal)	Up to 45 °
Viewing angle (vertical)	Top: Up to 45 ° Down: Up to 20 °

ADDITIONAL INFORMATION

Dimensions	85 x 20 x 60 mm
Article no.	RB-TFT3.2V3
EAN	4250236826301
Customs tariff no.	8473302000