

# ESP32 + Display TFT 1.4 240x240

- <https://arduino-er.blogspot.com/2020/07/esp32-13-inch-240x240-ips-lcd-st7789.html>
- [https://www.youtube.com/watch?v=PUV9\\_OdMcCA](https://www.youtube.com/watch?v=PUV9_OdMcCA)

- 7 pins are used to connect to MCU:

```
# Pin Label Description
;#####
; TFT_eSPI library setting here (no need to edit library files):
;#####
-D USER_SETUP_LOADED=1           ; Set this settings as
valid
-D ST7789_DRIVER=1                ; Select ST7789 driver
-D TFT_WIDTH=240                  ; Set TFT size
-D TFT_HEIGHT=240
-D TFT_MISO=-1                    ; Define SPI pins
-D TFT_MOSI=19                    ; SDA marcado en la
pantalla
-D TFT_SCLK=18                    ; SCL marcado en la
pantalla
-D TFT_CS=5
-D TFT_DC=16                      ; Data/Comand pin
-D TFT_RST=23                    ; Reset pin del ESP32
-D LOAD_GLCD=1                   ; Load Fonts
-D SPI_FREQUENCY=40000000        ; Set SPI frequency
```

- Librería - [https://github.com/Bodmer/TFT\\_eSPI/wiki/Installing-on-PlatformIO](https://github.com/Bodmer/TFT_eSPI/wiki/Installing-on-PlatformIO)

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