

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

- 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://www.esp32.com/viewtopic.php?t=2250>

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