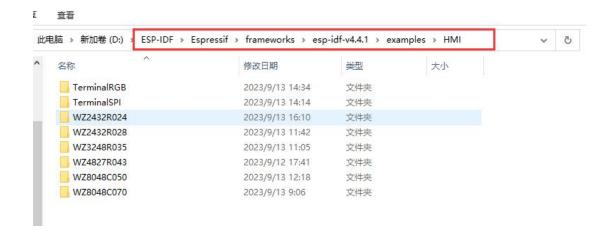
WZ3248R035 Use a tutorial

Place the downloaded project under the IDF directory (as shown below):



Let's first learn at the use of commands:

cd xxx---Moving to the xxx directory, xxx represents the name of the directory, for example: cd example

idf.py set-target esp32s3---Set the target chip for example: esp32s3

idf.py fullclean---Delete the entire build directory, including all the CMake configuration output files.

idf.py clean---It removes the building output files from the building directory and cleans up the entire project..

idf.py menuconfig---Configure the target chip

idf.py build---Compile a private code base

idf.py -p com3 flash---Download the program to the target chip

idf.py -p com3 flash monitor---Once compile burn and open monitoring

Now we open the terminal and go to the WZ3248R035 project catalog

```
D:\ESP-IDF\Espressif\frameworks\esp-idf-v4.4.1\examples\HMI>cd WZ3248R035
D:\ESP-IDF\Espressif\frameworks\esp-idf-v4.4.1\examples\HMI\WZ3248R035>
```

Now we have to empty the project idf.py fullclean once first, and then go into the configuration

Now modify the options by following the following steps:

```
ESP-IDF 4.4 CMD - "D\ESP-IDP\Espressif\idf_cmd_initbat" esp-idf-ab65b06dd9af1f5e42f388b601e9bc52 - python.exe "D\ESP-IDP\Es.... - \ X

(Top) - Serial flasher config

| Disable download stub |
| Flash SPI mode (DIO) ---> |
| Flash SPI mode (DIO) ---> |
| Flash SPI speed (30 MHz) ---> |
| Flash SPI speed (30 MHz) ---> |
| Flash size (4 MB) ---> |
| After flashing (Reset to bootloader) ---> |
| After flashing (Reset after flashing) ---> |
| 'idf.py monitor' baud rate (115200 bps) ---> |
| 'idf.py monitor' baud rate (115200 bps) ---> |
| Space/Enter Toggle/enter | [ESC] Leave menu | [S] Save |
| Double Show-help mode | C] Toggle show-help mode | C] Toggle show-name mode | C] Toggle show-all mode |
| Out (prompts for save) | D] Save minimal config (advanced)
```

ESP-IDF 4.4 CMD - "D:\ESP-IDF\Espressif\idf_cmd_init.bat" esp-idf-ab65b06dd9af1f5e42f388b601e9bc52 - python.exe "D:\ESP-IDF\Es —		×
(Top) - Partition Table		
Partition Table (Single factory app (large), no OTA)> (0x8000) Offset of partition table [*] Generate an MD5 checksum for the partition table		
[Space/Enter] Toggle/enter [ESC] Leave menu [S] Save [0] Load [7] Symbol info [/] Jump to symbol		
[F] Toggle show-help mode		
	500.0	4000
ESP-IDF 4.4 CMD - "D:\ESP-IDF\Espressif\)idf cmd init.bat" esp-idf-ab65b06dd9af1f5e42f388b601e9bc52 - python.exe "D:\ESP-IDF\Es — (Top) → Component config → LVGL configuration		×
Properties ToT Development Framework Configuration		
] LVGL minimal configuration. Color settings>		
Memory settings> HAL Settings>		
Feature configuration> Font usage>		
Text Settings> Widget_usage>		
Extra Widgets> Themes> Layouts>		
3rd Party Libraries>		
Others> Examples>		
Demos>		
[Space/Enter] Toggle/enter [ESC] Leave menu [S] Save [O] Load [?] Symbol info [/] Jump to symbol		
[F] Toggle show-help mode		
		V I
■ ESP-IDF 4.4 CMD - "D:\ESP-IDF\Espressif\idf cmd_init.bat" esp-idf-ab65b06dd9af1f5e42f388b601e9bc52 - python.exe "D:\ESP-IDF\Es — (Top) = Component config →TFT_eSPI		×
Espressif IoT Development Framework Configuration Select TFT driver (ILI9488)>		
Color inversion correction (None)> [] Enable 8-bit parallel mode (otherwise SPI is assumed)		
Display SPI config> Control Pin configuration>		
Fonts> Touch screen configuration>		
[Space/Enter] Toggle/enter		
[F] Toggle show-help mode		

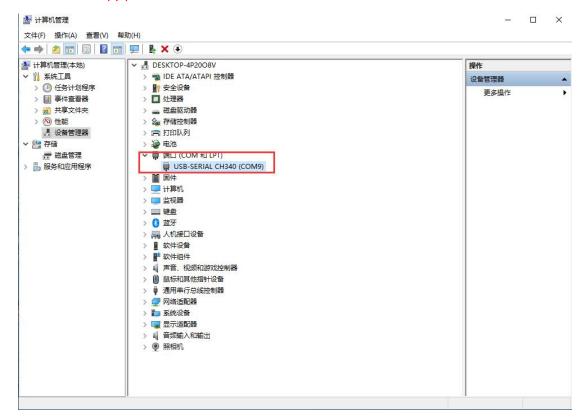
ESP-IDF 4.4 CMD - "D:\ESP-IDF\Espressif\idf_cmd_init.bat" esp-idf-ab65b06dd9af1f5e42f388b601e9bc52 - python.exe "D:\ESP-IDF\Es —	×
(Top) → Component config → TFT_eSPI → Display SPI config SPI port (VSPI (SPI2))> 12) TFT MISO pin 13) TFT MOSI pin 14) TFT Clock pin	
I Use SDA line for reading [16000000] SPI Frequency (Hz) [20000000] SPI Read Frequency (Hz)	
[Space/Enter] Toggle/enter [ESC] Leave menu [S] Save [O] Load [?] Symbol info [/] Jump to symbol	
[F] Toggle show-help mode [C] Toggle show-name mode [A] Toggle show-all mode [Q] Quit (prompts for save) [D] Save minimal config (advanced)	
ESP-IDF 4.4 CMD - "D:\ESP-IDF\Espressif\idf_cmd_init.bat" esp-idf-ab65b06dd9af1f5e42f388b601e9bc52 - python.exe "D:\ESP-IDF\Es — (Top) → Component config → TFT_eSPI → Control Pin configuration	×
(15) TFT Chip Select pin (2) TFT Data/Command pin (-1) TFT Reset pin [*] Enable backlight control (-2) TFT Data/Light control	
<pre>[*] Enable backlight control (27)</pre>	
[Space/Enter] Toggle/enter [ESC] Leave menu [S] Save	
[0] Load [7] Symbol info [/] Jump to symbol [F] Toggle show-help mode [C] Toggle show-name mode [A] Toggle show-all mode [Q] Quit (prompts for save) [D] Save minimal config (advanced)	
ESP-IDF 4.4 CMD - "D:\ESP-IDF\Espressif\idf_cmd_init.bat" esp-idf-ab65b06dd9af1f5e42f388b601e9bc52 - python.exe "D:\ESP-IDF\Es — (Top) → Component config → TFT_eSPI → Touch screen configuration	×
* Enable Touch (33) Touch chip select pin	
(600000) SPI frequency for XPT2046 chip (Hz.	
[Space/Enter] Toggle/enter [ESC] Leave menu [S] Save [0] Load [?] Symbol info [/] Jump to symbol [F] Toggle show-help mode [C] Toggle show-name mode [A] Toggle show-all mode	

Save the exit after setup, and then execute the idf.py build

```
ents/1vgl-3 D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/lwip D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/lwip D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/mbedtls D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/mbedtls D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/mbedtls D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/mbedtls D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/mbedtls D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/newtib D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/newtib D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/newtib D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/newtib D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/newtib D:/ESP-IDF/Espressif/frameworks/esp-idf-v4.4.1/components/person D:/ESP-IDF/Espress
```

Waiting for the compilation to complete, the following figure interface appears:

Perform the idf.py-p com9 flash



success!

```
### SEP-IDF 4.4 CMD - 'DAESP-IDREspressifyldf_cmd_init.bat' esp-idf-ab65b06dd9af1f5e42f388b601e9bc52

#### Viriting at 0x000987cd... (33 %)
#### Viriting at 0x000987cd... (33 %)
#### Viriting at 0x0000aff3a... (50 %)
#### Viriting at 0x0000aff3a... (50 %)
#### Viriting at 0x000b34d3a... (50 %)
#### Viriting at 0x000b34d5... (65 %)
#### Viriting at 0x000cb34b... (65 %)
#### Viriting at 0x000cb34b... (65 %)
#### Viriting at 0x000cb34b... (66 %)
#### Viriting at 0x000d7285... (76 %)
#### Viriting at 0x000d7285... (76 %)
#### Viriting at 0x000d83d3... (80 %)
#### Viriting at 0x000d83d5... (84 %)
#### Viriting at 0x000d605f... (84 %)
#### Viriting at 0x000d605f... (83 %)
#### Viriting at 0x000d605f... (84 %)
#### Viriting at 0x000d605f... (100 %)
#### Viriting at 0x000fa236... (96 %)
#### Viriting at 0x000fa236... (96 %)
#### Viriting at 0x000fa236... (96 %)
#### Viriting at 0x000fa236... (100 %)
#### Virit
```