

## Wave Pico Evaluation Board

<https://www.waveshare.com/pico-eval-board.htm>

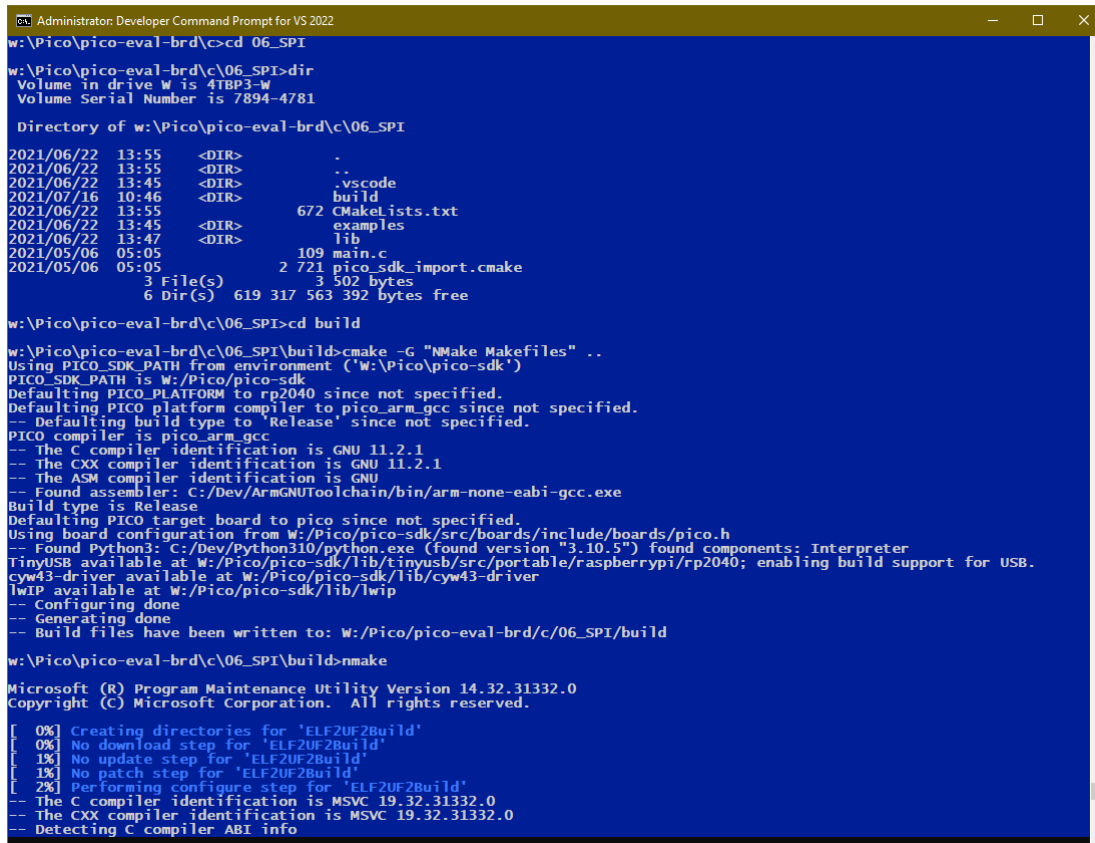
Extract Pico-Eval-Board-Code.zip to W:\Pico\pico-eval-brd\ with two sub-folders C and python.

Build the LCD test example:

```
w:\Pico\pico-eval-brd\c>cd 06_SPI\build
```

```
w:\Pico\pico-eval-brd\c\06_SPI\build>cmake -G "NMake Makefiles" ..
```

```
w:\Pico\pico-eval-brd\c\06_SPI\build>nmake
```



```
Administrator: Developer Command Prompt for VS 2022
w:\Pico\pico-eval-brd\c>cd 06_SPI
w:\Pico\pico-eval-brd\c\06_SPI>dir
Volume in drive W is 4TBP3-W
Volume Serial Number is 7894-4781

Directory of w:\Pico\pico-eval-brd\c\06_SPI

2021/06/22  13:55    <DIR>          .
2021/06/22  13:55    <DIR>          ..
2021/06/22  13:45    <DIR>          .vscode
2021/07/16  10:46    <DIR>          build
2021/06/22  13:55             672 CMakeLists.txt
2021/06/22  13:45    <DIR>          examples
2021/06/22  13:47    <DIR>          lib
2021/05/06   05:05             109 main.c
2021/05/06   05:05             2 721 pico_sdk_import.cmake
                3 File(s)              3 502 bytes
                6 Dir(s)          619 317 563 392 bytes free

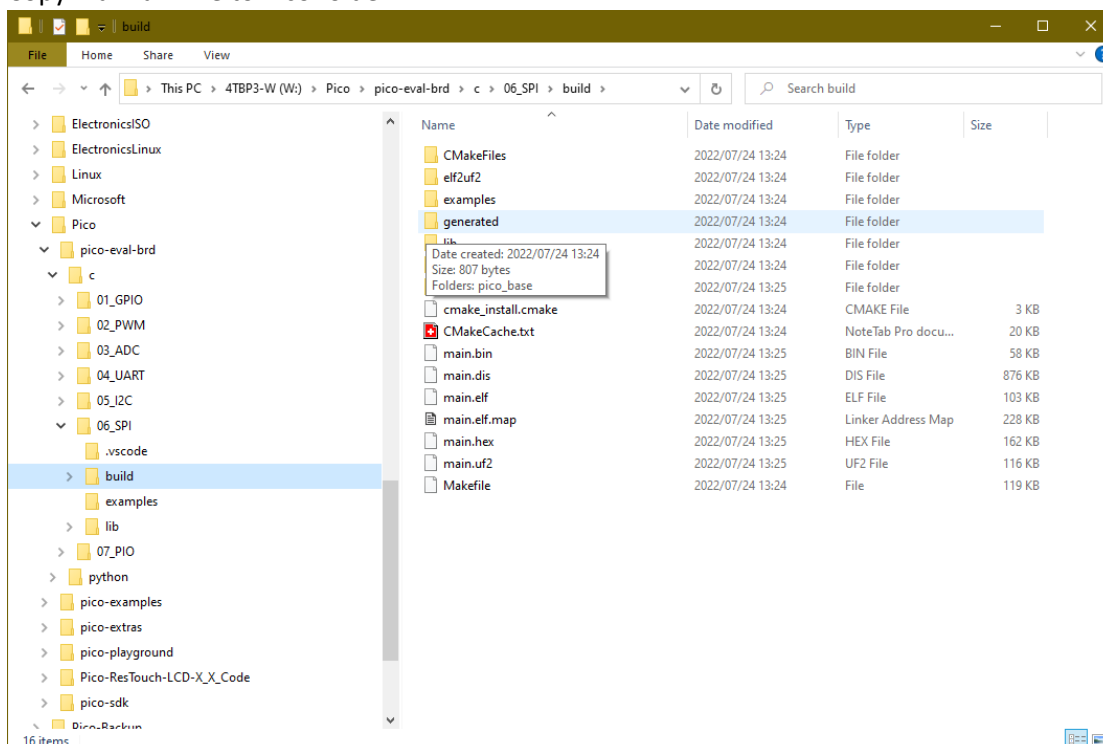
w:\Pico\pico-eval-brd\c\06_SPI>cd build
w:\Pico\pico-eval-brd\c\06_SPI\build>cmake -G "NMake Makefiles" ..
Using PICO_SDK_PATH from environment ('W:\Pico\pico-sdk')
PICO_SDK_PATH is W:/Pico/pico-sdk
Defaulting PICO_PLATFORM to rp2040 since not specified.
Defaulting PICO platform compiler to pico_arm_gcc since not specified.
-- Defaulting build type to 'Release' since not specified.
PICO compiler is pico_arm_gcc
-- The C compiler identification is GNU 11.2.1
-- The CXX compiler identification is GNU 11.2.1
-- The ASM compiler identification is GNU
-- Found assembler: C:/Dev/ArmGNUToolchain/bin/arm-none-eabi-gcc.exe
Build type is Release
Defaulting PICO target board to pico since not specified.
Using board configuration from W:/Pico/pico-sdk/src/boards/include/boards/pico.h
-- Found Python3: C:/Dev/Python310/python.exe (found version "3.10.5") found components: Interpreter
TinyUSB available at W:/Pico/pico-sdk/lib/tinyusb/src/portable/raspberrypi/rp2040; enabling build support for USB.
cyw43-driver available at W:/Pico/pico-sdk/lib/cyw43-driver
lwIP available at W:/Pico/pico-sdk/lib/lwip
-- Configuring done
-- Generating done
-- Build files have been written to: W:/Pico/pico-eval-brd/c/06_SPI/build

w:\Pico\pico-eval-brd\c\06_SPI\build>nmake

Microsoft (R) Program Maintenance Utility Version 14.32.31332.0
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[ 0%] Creating directories for 'ELF2UF2Build'
[ 0%] No download step for 'ELF2UF2Build'
[ 1%] No update step for 'ELF2UF2Build'
[ 1%] No patch step for 'ELF2UF2Build'
[ 2%] Performing configure step for 'ELF2UF2Build'
-- The C compiler identification is MSVC 19.32.31332.0
-- The CXX compiler identification is MSVC 19.32.31332.0
-- Detecting C compiler ABI info
```

Copy main.uf2 file to Pico folder





Can similarly compile the other examples such as the blink-led (01\_GPIO)