

Platform.ini:

```
[env:pico]
platform = raspberrypi
board = pico
framework = arduino
Monitor_speed=115200
lib_deps =
adafruit/Adafruit BMP280 Library
adafruit/Adafruit Unified Sensor
```

Main.cpp:

```
#include <Adafruit_BMP280.h>
#include <SPI.h>
#define BMP_CS 17 // CS -> GPIO17 on Pico
Adafruit_BMP280 bmp(BMP_CS); // Using default SPI interface
void setup() {
  Serial.begin(115200);
  while (!Serial);
  if (!bmp.begin()) {
    Serial.println("Could not find a valid BMP280 sensor, check wiring!");
    while (1);
  }
  Serial.println("BMP280 sensor initialized.");
}
void loop() {
  Serial.print("Temperature = ");
  Serial.print(bmp.readTemperature());
  Serial.println(" *C");
  Serial.print("Pressure = ");
  Serial.print(bmp.readPressure());
  Serial.println(" Pa");
  Serial.print("Approx Altitude = ");
  Serial.print(bmp.readAltitude(1013.25)); // standard sea-level pressure
  Serial.println(" m");
  Serial.println();
  delay(2000);
}
```