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ESP32-S3 Uno Development Board

Discover new opportunities with the ESP32-S3 UNO Development Board.

Unlock a world of innovative possibilities with the ESP32-S3 UNO Development Board. This versatile platform empowers developers to create cutting-edge applications, leveraging its advanced features and robust performance. Whether you're working on IoT projects, embedded systems, or automation tasks, the ESP32-S3 UNO Development Board offers the flexibility, power and quick implementation needed to bring your ideas to life.

Explore its capabilities and push the boundaries of your creativity and technical expertise.

Overview and Specifications

ESP32-S3 Specs

Microprocessor: Xtensa® dual-core 32-bit LX7 microprocessor, operating up to 240 MHz. **Connectivity:** 802.11 b/g/n up to 150 Mbps, 2412 ~ 2484 MHz Bluetooth 5, Bluetooth mesh, 125 Kbps, 500 Kbps, 1 Mbps, 2 Mbps
Memory: 384 KB ROM 512 KB SRAM 16 KB SRAM in RTC Up to 16 MB PSRAM

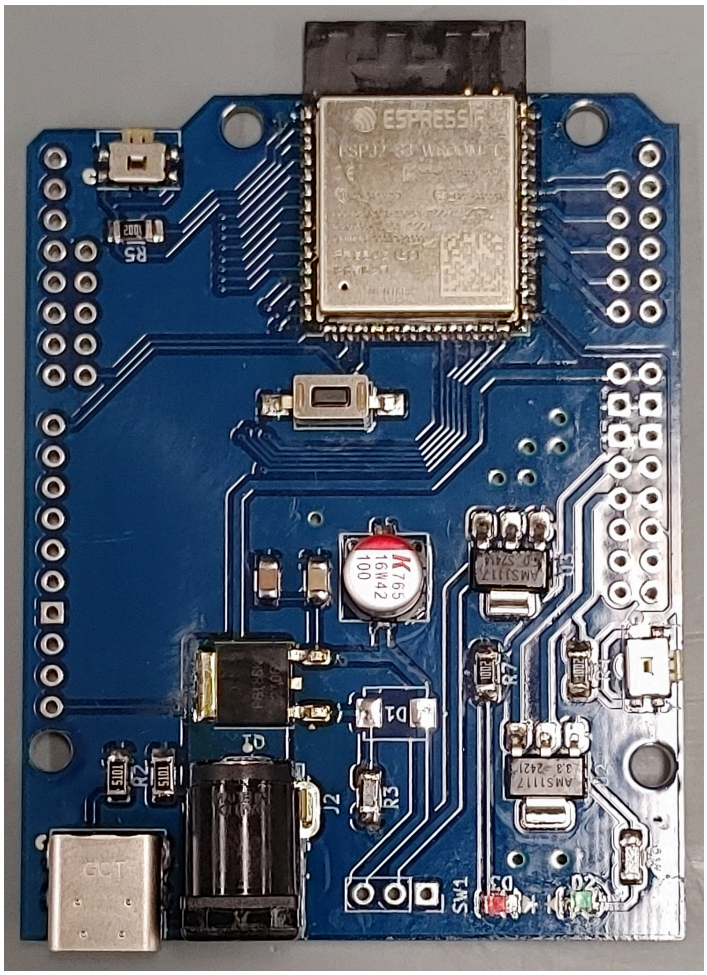
Pins & GPIOs

- +3V3
- GND
- SDA
- SCL
- USB Data +
- USB Data -

Features

Connectivity: Wi-Fi and Bluetooth

PCB



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Application Examples

LED blinky

```
if __name__ == '__main__':
```

I2C

```
if __name__ == '__main__':
```

Supplementary info

Content under a collapsible header will be collapsed by default, but you can modify the behavior by adding the following attribute: `default-state="expanded"`

Credits:

See also

Writerside documentation

Configure Search (https://www.jetbrains.com/help/writerside/configure-search.html)
Reorder topics in the TOC (https://www.jetbrains.com/help/writerside/manage-table-of-contents.html)
Build and publish (https://www.jetbrains.com/help/writerside/local-build.html)
Markup reference (https://www.jetbrains.com/help/writerside/markup-reference.html)