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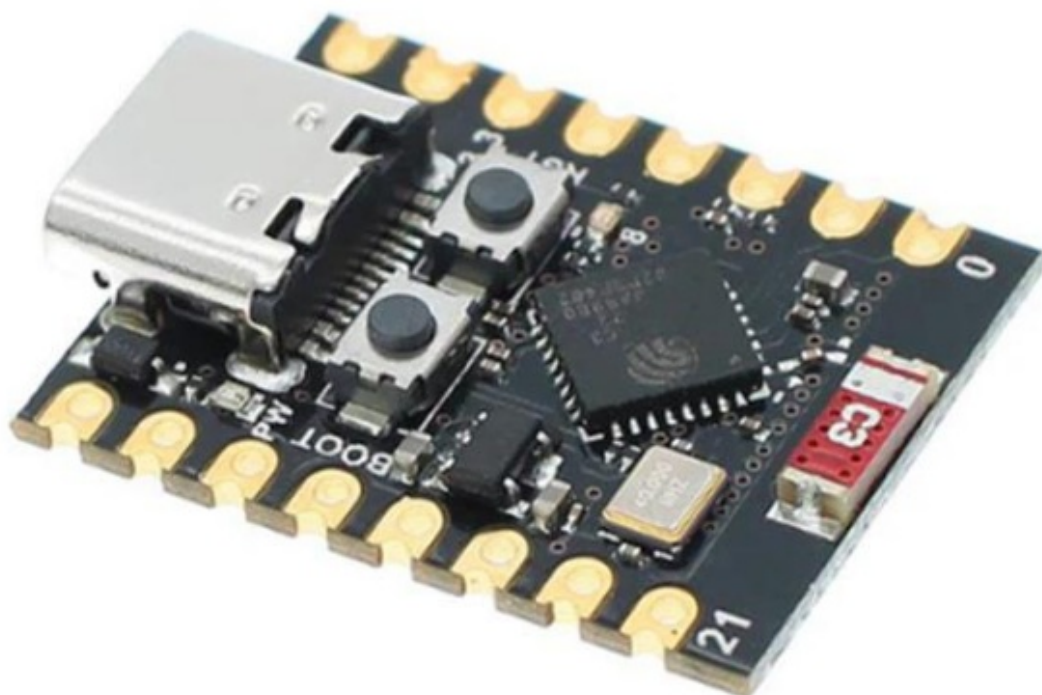
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Digilog

Digilog ESP32 Super Mini Dev Board



Specifications

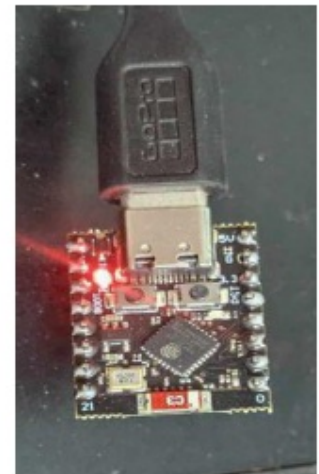
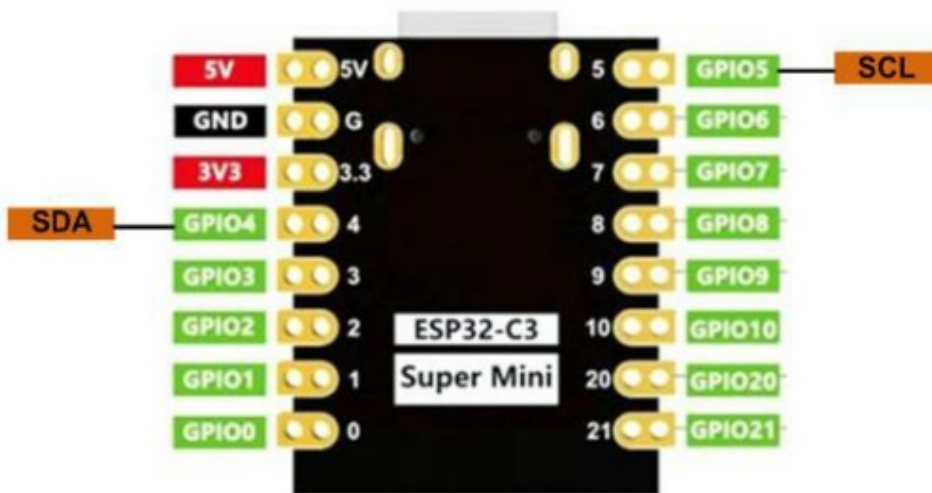
- Product Name: ESP32 Super Mini Dev Board
- Board Type: ESP32C3 Dev Module
- Communication: USB CDC
- Baud Rate: 9600
- Onboard LED: GPIO8

Setup-1

My ESP32 Super Mini Dev Board (Fig. 1) accepts sketches from a PC, but it does not communicate with the Serial Monitor (Bd = 9600) though the onBoard LED (at GPIO8) blinks.

[image|403×203](upload://pRi2u3tDsAxTivzokiEplEtzhIC.jpeg)

Figure-1



Setup-1

- Board: "ESP32C3 Dev Module"
- USB CDC on Boot: "Enabled"
- Port: "COM13 (ESP32S3 Dev Module)" //no other option

Sketch

- define LED_BUILTIN 8
- char myData[10];

- void setup()
- Serial.begin(9600);
- pinMode(LED_BUILTIN, OUTPUT)
- void loop()
- digitalWrite(LED_BUILTIN, HIGH); // turn the LED on (HIGH is the voltage level)
- delay(1000); // wait for a second
- digitalWrite(LED_BUILTIN, LOW); // turn the LED off by making the voltage LOW delay(1000)
- byte n = Serial.available();
- if (n != 0) { byte m = Serial.readBytesUntil('\n', myData, sizeof (myData)-1); myData[m] = '\0'
- Serial.println(myData); }
- Serial.println("Hello"); }

The following setup has solved the problem.

Setup-2

- Board: "LOLIN C3 Mini"
- USB CDC on Boot: "Enabled"
- Port: "COM13 (ESP32S3 Dev Module)"
- Bd = 9600

Output

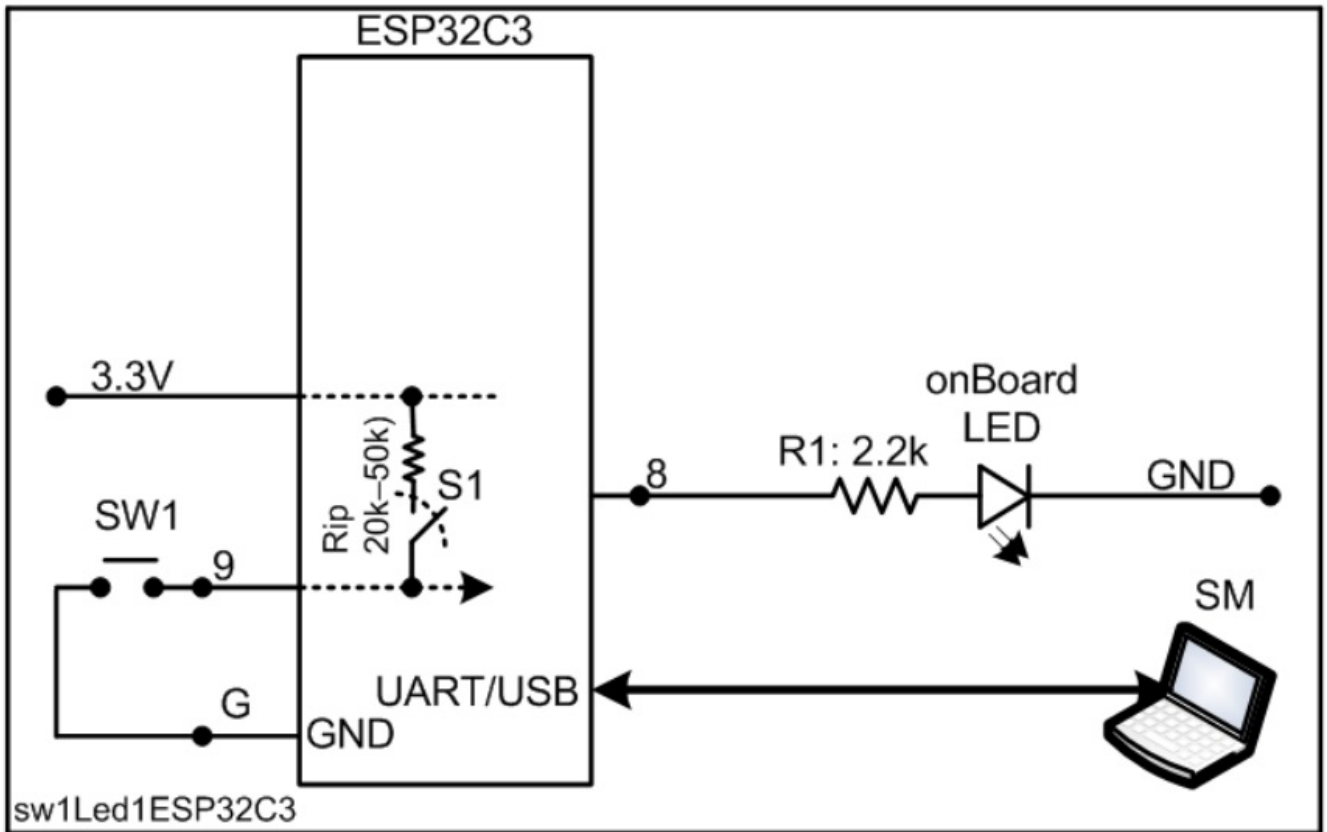
- Hello
- Hello
- Arduino //From InputBox of SM to ESP32C3 to OutputBox of SM
- Hello
- Hello

Would be glad to hear your opinion as to — "what is LOLIN C3".

1. Do not place the ESP32C3 Super Mini Board on the Breadboard to avoid

contact problems.

2. The onboard LED is connected at DPin-8.
3. Use a male-female jumper and connect the female side at DPin-9 to act as an external switch/button.
4. The connection diagram of the onFig. 1 LED and a button are similar to Fig. 1.



5. Select Board as follows: IDE 2.3.1 -> Tools -> ESP32.
6. LOLIN C3 Mini USB CDC On Boot: Enabled.
7. Upload the provided sketch to the board.
8. Check that the onboard LED is off initially.



Figure-1:

9. Closing the switch will make the onboard LED start blinking at a 2-second

interval.

10. Ensure that the onboard LED is on.
11. Gently touch the male side of the hanging wire/jumper with the G-pin of the Mini Board.
12. Confirm that the onboard LED is blinking at a 2-second interval.
13. Press the RST (Reset) Button of the Mini Board and repeat the process if needed.

Documents / Resources

	Digilog ESP32 Super Mini Dev Board [pdf] Instructions ESP32 Super Mini Dev Board, ESP32, Super Mini Dev Board, Mini Dev Board, Board
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References

- [User Manual](#)

Board, Digilog, ESP32, ESP32 Super Mini Dev Board, Mini Dev Board, Super Mini Dev Board

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