

The image contains two circuit diagrams for the FC-3215HRK-620D module. The left diagram shows the LED2 circuit, which is connected to a 3V3 supply through a 560 ohm resistor (R3). The LED2 is also connected to an IO18 input. The right diagram shows the LED1 circuit, which is connected to a 3V3 supply through a 5.1k resistor (R2). The LED1 is also connected to a GND connection.

RESET BUTTON

3V3

R1 10k

C1 100nF

EN

1 SW1 2

3 4

PTS645SH50SMTR92LFS

GND

[illegible]

The left diagram shows the 3V3 supply connected to pin 1 of J1, with a 100nF capacitor to ground. The right diagram shows the +5V\_EXT supply connected to pin 15 of J1, with a 100nF capacitor to ground. Both diagrams show the module's pin headers J1 and J2 with their respective pin numbers and functions.

[illegible]

The diagram shows four input pins: TXD0, RXD0, DTR, and RTS. TXD0 and RXD0 are connected to a common ground through resistors R10 and R11, respectively. DTR and RTS are connected to a common ground through resistors R12 and R14, respectively. The DTR and RTS pins are also connected to the EN pin of the S8050\_C105433 transistors Q3 and Q4, respectively. The IO\_BTN pin is connected to the common ground of the DTR and RTS resistors.

link to the datasheet-[https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32e\\_esp32-wroom-32ue\\_datasheet\\_en.pdf](https://www.espressif.com/sites/default/files/documentation/esp32-wroom-32e_esp32-wroom-32ue_datasheet_en.pdf)

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