

# Power

BATT : 7-14V

+5V max current : 6A

+3.3V max current : 1A

When connected, it supplies power from USB.

[illegible]

0 0 0 10BT Half-duplex, Auto-negotiation disabled  
 0 0 1 10BT Full-duplex, Auto-negotiation disabled  
 0 1 0 100BT Half-duplex, Auto-negotiation disabled  
 0 1 1 100BT Full-duplex, Auto-negotiation disabled  
 1 0 0 100BT Half-duplex, Auto-negotiation enabled  
 1 0 1 Not used  
 1 1 0 Not used  
 1 1 1 All capable, Auto-negotiation enabled

[illegible]

JP2  
Solder Jumper\_3\_Open

USART1\_RX 1 2 3 UART\_RX

BLE\_UART\_TX

The diagram shows a PCB layout for an STM32G474RCTx microcontroller. The layout includes a top layer with components like SW1 (push button), C5 (0.1uF capacitor), C6-C11 (decoupling capacitors), and a bottom layer with components like Y1 (24MHz crystal), Y6 (32.768kHz crystal), and three LEDs (Red, Green, Blue). The microcontroller is labeled U3. Various pins are connected to ground, VDD, VBAT, and other power rails. A legend on the right shows the DIP-SW and Indicator connections.

External-Switch

Diagram showing the connection of the external switch (SW1, SW2, SW3) to the STM32F407VGT6. The switch is connected to the J12 connector (Conn\_01x04) via pins 1, 2, 3, and 4. Pin 1 is connected to SW3, pin 2 to SW2, pin 3 to SW1, and pin 4 to GND.