

ROSD

3.3VP

R1 10K

3.3VP

R14_SD_DATA2

R12_SD_CS

T14_SD_MOSI

T13_SD_CLK

R13_SD_MISO

J7 MicroSD Card

1 DAT2

2 DAT3/CD

3 CMD

4 VDD

5 CLK

6 VSS

7 DAT0

8 DAT1

9 SHIELD

3.3VP

C1 100nF

GND

[illegible]

The diagram shows the pinout of the Raspberry Pi 3B+ (yellow box) and its connections to various components. The Raspberry Pi 3B+ is a 40-pin device with the following connections:

- GPIO Pins:**
 - GPIO14 (TXD) connected to D16_PL_RX (8)
 - GPIO15 (RXD) connected to D15_PL_TX (10)
 - GPIO16 (I2C SDA) connected to TCK (36)
 - GPIO17 (I2C SCL) connected to TCK (11)
 - GPIO18 (PWM0) connected to TCK (12)
 - GPIO19 (MISO1) connected to TDI (35)
 - GPIO20 (MOSI1) connected to TDI (36)
 - GPIO21 (SCLK1) connected to TDI (40)
 - GPIO22 (CE1/GPI07) connected to TDI (15)
 - GPIO23 (CE0/GPI08) connected to TDI (16)
 - GPIO24 (MISO0/GPI09) connected to TDI (17)
 - GPIO25 (MOSIO/GPI010) connected to TDI (18)
 - GPIO26 (SCLK0/GPI011) connected to TDI (19)
 - GPIO27 (PWM0/GPI012) connected to TDO (27)
- Other Pins:**
 - 5V (2) connected to 5V (2)
 - 5V (4) connected to 5V (4)
 - 3V3 (1) connected to 3V3 (1)
 - 3V3 (13) connected to 3V3 (13)
 - 7 (TMS) connected to 7 (TMS)
 - 29 (TMS) connected to 29 (TMS)
 - 31 (TMS) connected to 31 (TMS)
 - 26 (CE1/GPI07) connected to C15_PL_CS (26)
 - 24 (CE0/GPI08) connected to C15_PL_CS (24)
 - 21 (MISO0/GPI09) connected to F15_PL_MISO (21)
 - 19 (MOSIO/GPI010) connected to F16_PL_MOSI (19)
 - 23 (SCLK0/GPI011) connected to F13_PL_CLK (23)
 - 32 (PWM0/GPI012) connected to 32 (32)
 - 33 (PWM1/GPI013) connected to 33 (33)
- Grounds:**
 - 6 (GND) connected to 6 (GND)
 - 9 (GND) connected to 9 (GND)
 - 14 (GND) connected to 14 (GND)
 - 20 (GND) connected to 20 (GND)
 - 25 (GND) connected to 25 (GND)
 - 30 (GND) connected to 30 (GND)
 - 34 (GND) connected to 34 (GND)
 - 39 (GND) connected to 39 (GND)

The diagram also shows the connection of the Raspberry Pi 3B+ to the Raspberry Pi 3B+ (green box) via the Raspberry Pi 3B+ (green box) and the Raspberry Pi 3B+ (green box).

[illegible]

H1 MountingHole H3 MountingHole
H2 MountingHole H4 MountingHole

Id: 1/1