

A circuit diagram showing a 18650 battery connected to a 1043P component. The battery is labeled '18650' and the component is labeled '1043P'. The circuit is connected to VBAT and GND.

Pin configuration diagram for the Meadow USB-C Power Boot Reset module. The diagram shows a central chip labeled U1 with pins 1 through 37. The chip has four main functions: Meadow, USB-C, Power, and Boot Reset. The left side shows connections for 3V3, GND, and 5V. The bottom shows connections for VBUS, 3V3_EN, RST, F7_RST, USB_D_P, USB_D_N, and F7_BOOT. The right side shows connections for 5V, GND, and 3V3. The diagram is a schematic representation of the physical pin layout.

The diagram shows two MCP23008T-E/SS chips, U9 and U11, connected to an I2C bus and various control signals. Both chips are connected to a 3V3 supply and ground (GND).

U9 MCP23008T-E/SS Pin Connections:

- I2C_CLK** to Pin 1 (SCL)
- I2C_DAT** to Pin 2 (SDA)
- MCP_RST** to Pin 15 (RESET#)
- MCP1_INT** to Pin 16 (INT)
- VDD** (Pin 20) to 3V3
- VSS** (Pin 19) to GND
- NC** (Pin 17) to GND
- NC** (Pin 18) to GND
- NC** (Pin 14) to GND
- NC** (Pin 13) to GND
- NC** (Pin 12) to GND
- NC** (Pin 11) to GND
- NC** (Pin 10) to GND
- NC** (Pin 9) to GND
- NC** (Pin 8) to GND
- NC** (Pin 7) to GND
- NC** (Pin 6) to GND
- NC** (Pin 5) to GND
- NC** (Pin 4) to GND
- NC** (Pin 3) to GND
- NC** (Pin 2) to GND
- NC** (Pin 1) to GND
- NC** (Pin 0) to GND
- NC** (Pin -1) to GND
- NC** (Pin -2) to GND
- NC** (Pin -3) to GND
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- NC** (Pin -5) to GND
- NC** (Pin -6) to GND
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- NC** (Pin -160) to GND
- NC** (Pin -161) to GND
- NC** (Pin -162) to GND
- NC** (Pin -163) to GND
- NC** (Pin -164) to GND

A circuit diagram showing a 3V3 supply connected to two resistors, R5 (4.7k) and R6 (4.7k). R5 is connected to the I2C_DAT line, and R6 is connected to the I2C_CLK line. The resistors are shown in green, and the supply and signal lines are also in green.

Interrupt Table

Interrupt	Pin
MCP1_INT	06
MCP2_INT	07

Timers

Timer	Pin
BUZZ_RIGHT	4: 3
BUZZ_LEFT	4: 4

Pin connection diagram for the ILI9341 3.2 Inch TFT v1 module. The module is labeled U8 ILI9341 LCD TFT 3.2.

Pin Connections:

- 3V3:** Connected to VCC (pin 1).
- GND:** Connected to GND (pin 2).
- SD_CARD:**
 - SD_CS (pin 15) connected to CS (pin 3).
 - SD_MOSI (pin 16) connected to MOSI (pin 6).
 - SD_MISO (pin 17) connected to MISO (pin 9).
 - SD_SCK (pin 18) connected to SCK (pin 7).
- LCD:**
 - VCC (pin 1) connected to 3V3.
 - GND (pin 2) connected to GND.
 - CS (pin 3) connected to DISPLAY_CS.
 - RST (pin 4) connected to DISPLAY_RST.
 - D/C (pin 5) connected to DISPLAY_DC.
 - MOSI (pin 6) connected to DISPLAY_COPI.
 - SCK (pin 7) connected to DISPLAY_CLK.
 - LED (pin 8) connected to DISPLAY_BKLT.
 - MISO (pin 9) connected to MISO.
- TOUCH:**
 - T_CLK (pin 10) connected to T_CLK.
 - T_CS (pin 11) connected to T_CS.
 - T_DIN (pin 12) connected to T_DIN.
 - T_DO (pin 13) connected to T_DO.
 - T_IRQ (pin 14) connected to T_IRQ.

TITLE: Juego		REV: v2
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