

Input PMOD

Pin 12: +3.3V

Pin 11: GND

Pin 10: GND

Pin 9: GND

Pin 8: PMOD_Periph_0

Pin 7: PMOD_Periph_1

Pin 6: PWR_FLAG

Pin 5: PWR_FLAG

Pin 4: btn_sec

Pin 3: btn_min

Pin 2: btn_hrs

Pin 1: GND

The diagrams illustrate three button connections:

- Top Left:** A button labeled `btn_hrs` is connected to a microcontroller pin. The pin is pulled up to $+3.3V$ by a $10K$ resistor (R6). The other terminal of the button is connected to GND.
- Top Right:** A button labeled `btn_sec` is connected to a microcontroller pin. The pin is pulled up to $+3.3V$ by a $10K$ resistor (R7). The other terminal of the button is connected to GND.
- Bottom:** A button labeled `btn_min` is connected to a microcontroller pin. The pin is pulled up to $+3.3V$ by a $10K$ resistor (R9). The other terminal of the button is connected to GND.

[illegible]

Sheet: /
File: tt-vga-clock-pmod.kicad_sch

Id: 1/1