

PIC32ETH
v1.0.0 YS
12.03.2022

USB
Header

6V-20V Input

+5V

+3V3

GND

GND

+5V

+3V3

GPIO 2

10
9

2
1

Reset

ICSP1

JP1

JP3

JP2

BTNO

BTN1

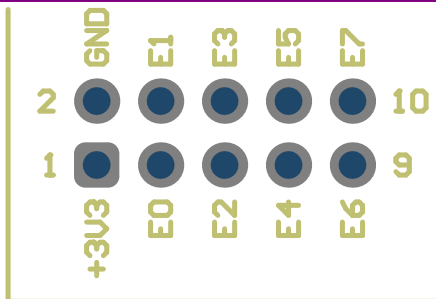
LED1

LED0

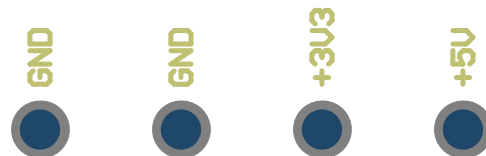
GPIO 1

1
2

9
10



GPIO 2



Select

- USB_+5V
- +5V
- BUCK_+5V

Power

- GND
- HEADER_V_IN

| PIC | Signal |
|------|------------------|
| D5 | UART2_TX_PIC |
| D4 | UART2_RX_PIC |
| A14 | I2C1_SCL |
| A15 | I2C1_SDA |
| D1 | SPI1_SCK |
| B10 | SPI1_MOSI |
| B9 | SPI1_MISO |
| USB | RF5 UART1_TX_PIX |
| | RF4 UART1_RX_PIX |
| PERI | B4 LED0 |
| | B5 LED1 |
| | E8 BTN0 |
| | E9 BTN1 |

| Jumper | Signal | Solder for |
|--------|--------|-------------------------|
| JP1 | AMDIX | Disable auto crossover |
| JP2 | SPEED | Disable 100M mode |
| JP3 | ANSEL | Enable auto negotiation |

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ICSP1

-
- CLK
- DATA
- GND
- +3V3
- MCLR

GPIO 1

