



Pin Descriptions:

- **+5v** - +5 Volt supply, requires about 120milliamps for LCD and mSD card
- **GND** - Ground pin
- **SDA** - I2C SDA pin
- **SCL** - I2C SCL pin
- **ENC_A** - Rotary encoder pulse pin A, needs one digital pin.
- **ENC_B** - Rotary encoder pulse pin B, needs one digital pin.
- **CS** - Chip select for mSD card, needs one digital pin
- **BTN** - Button pin, goes low when button is pressed needs one digital pin
- **Di** - Data In for mSD, connect to MOSI (ICSP header)
- **CLK** - Clock for mSD, connect to SCK (ICSP header)
- **DO** - Data Out for mSD, connect to MISO (ICSP header)
- **CD** - Card detect, needs one digital pin