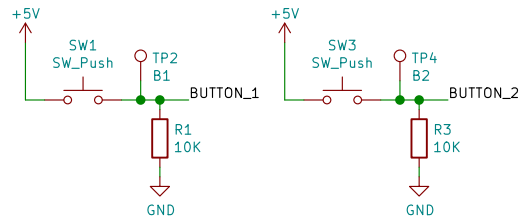
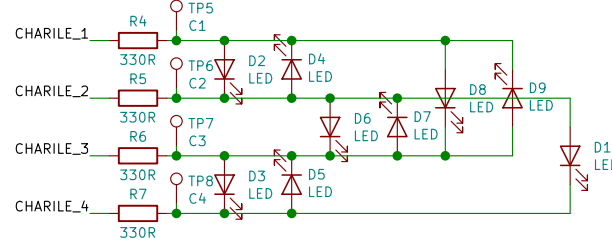


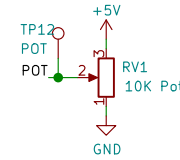
Push Buttons



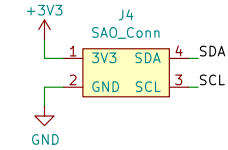
Charlieplexed LEDs



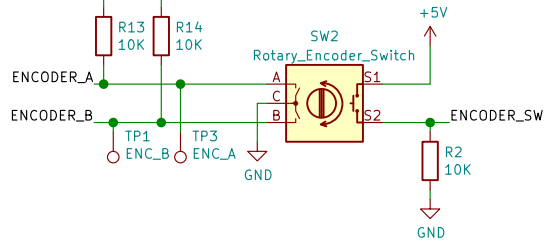
10K Potentiometer



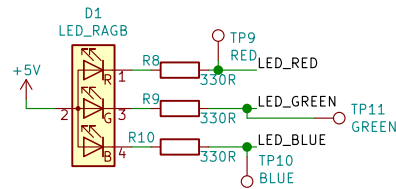
Shitty Add-On



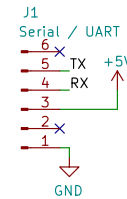
Rotary Encoder



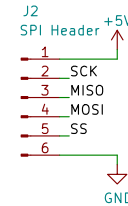
RGB LED Common Anode (+)



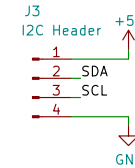
Serial Header



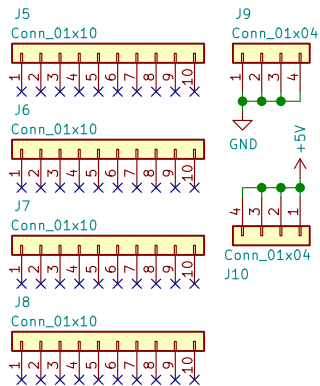
SPI Connection



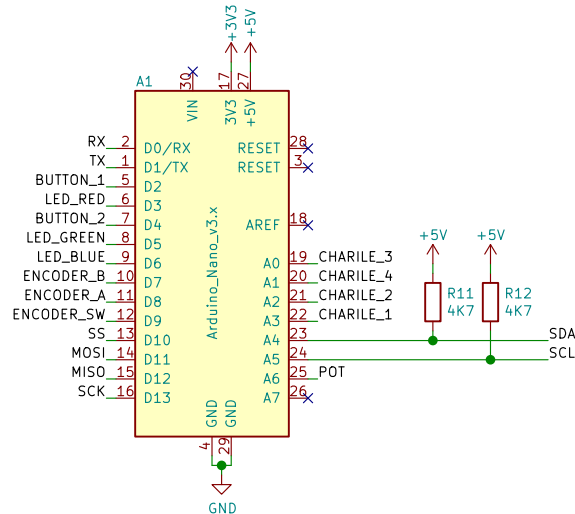
I2C Connection



Prototyping Area

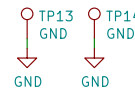


Arduino Nano



Arduino Microcontroller

1(TX) - PD1(TXD)
0(RX) - PD0(RXD)
D2 - PD2(INT0)
D3 - PD3(INT1)
D4 - PD4
D5 - PD5
D6 - PD6
D7 - PD7
D8 - PB0
D9 - PB1
D10 - PB2(SS')
D11 - PB3(MOSI)
D12 - PB4(MISO)
D13 - PB5(SCK)
A0 - PC0
A1 - PC1
A2 - PC2
A3 - PC3
A4 - PC4(SDA)
A5 - PC5(SCL)
A6 - ADC6
A7 - ADC7



(PCINT14/RESET) PC6	1	28	PC5 (ADC5/SCL/PCINT13)
(PCINT16/RXD) PD0	2	27	PC4 (ADC4/SDA/PCINT12)
(PCINT17/TXD) PD1	3	26	PC3 (ADC3/PCINT11)
(PCINT18/INT0) PD2	4	25	PC2 (ADC2/PCINT10)
(PCINT19/OC2B/INT1) PD3	5	24	PC1 (ADC1/PCINT9)
(PCINT20/XCK/T0) PD4	6	23	PC0 (ADC0/PCINT8)
VCC	7	22	GND
GND	8	21	AREF
AVCC	9	20	AVCC
(PCINT6/XTAL1/TOSC1) PB6	10	19	PB5 (SCK/PCINT5)
(PCINT7/XTAL2/TOSC2) PB7	11	18	PB4 (MISO/PCINT4)
(PCINT22/OC0A/AIN0) PD6	12	17	PB3 (MOSI/OC2A/PCINT3)
(PCINT23/AIN1) PD7	13	16	PB2 (SS/OC1B/PCINT2)
(PCINT0/CLKO/ICP1) PB0	14	15	PB1 (OC1A/PCINT1)



Josh Johnson

Sheet: /
File: arduinoNanoDev.sch

Title: Arduino Nano Dev Board

Size: A4 Date: 2019-04-06

KiCad E.D.A. kicad (5.1.0)-1

Rev: 0

Id: 1/1