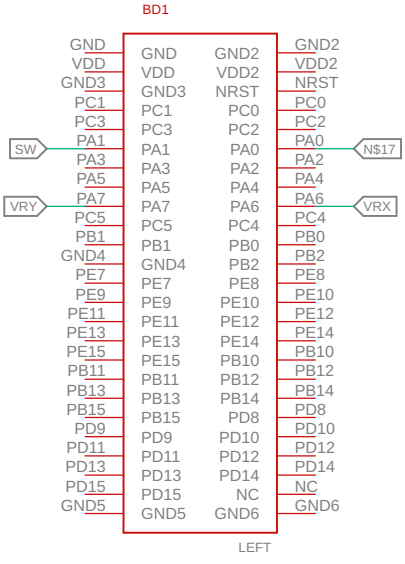
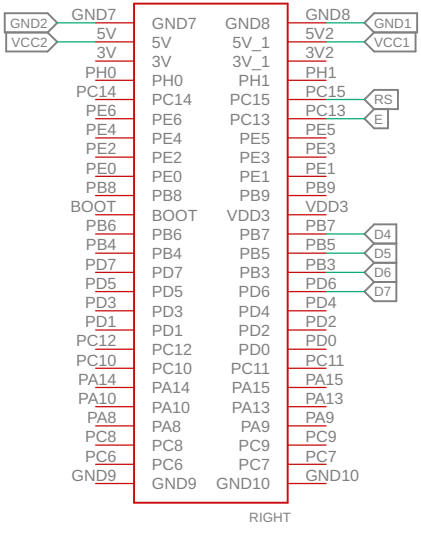
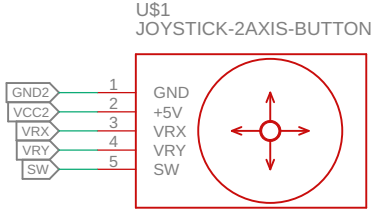
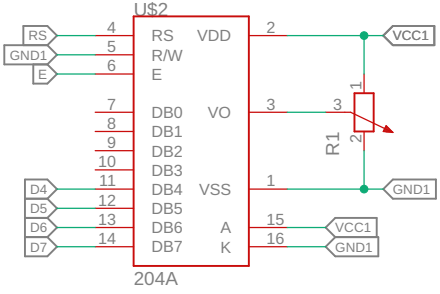

BD1
GND
VDD
GND3
PC1
PC3
PA1
PA3
PA5
PA7
PC5
PB1
GND4
PE7
PE9
PE11
PE13
PE15
PB11
PB13
PB15
PD9
PD11
PD13
PD15
GND5
SW
VRY
GND
VDD
GND3
PC1
PC3
PA1
PA3
PA5
PA7
PC5
PB1
GND4
PE7
PE9
PE11
PE13
PE15
PB11
PB13
PB15
PD9
PD11
PD13
PD15
GND5
GND2
VDD2
NRST
PC0
PC2
PA0
PA2
PA4
PA6
PC4
PB0
PB2
PE8
PE10
PE12
PE14
PB10
PB12
PB14
PD8
PD10
PD12
PD14
NC
GND6
GND2
VDD2
NRST
PC0
PC2
PA0
PA2
PA4
PA6
PC4
PB0
PB2
PE8
PE10
PE12
PE14
PB10
PB12
PB14
PD8
PD10
PD12
PD14
NC
GND6
N$17
VRX
LEFT


GND2
VCC2
GND7
5V
3V
PH0
PC14
PE6
PE4
PE2
PE0
PB8
BOOT
PB6
PB4
PD7
PD5
PD3
PD1
PC12
PC10
PA14
PA10
PA8
PC8
PC6
GND9
GND7
5V
3V
PH0
PC14
PE6
PE4
PE2
PE0
PB8
BOOT
PB6
PB4
PD7
PD5
PD3
PD1
PC12
PC10
PA14
PA10
PA8
PC8
PC6
GND9
GND8
5V2
3V2
PH1
PC15
PC13
PE5
PE3
PE1
PB9
VDD3
PB7
PB5
PB3
PD6
PD4
PD2
PD0
PC11
PA15
PA13
PA9
PC9
PC7
GND10
GND8
5V_1
3V_1
PH1
PC15
PC13
PE5
PE3
PE1
PB9
VDD3
PB7
PB5
PB3
PD6
PD4
PD2
PD0
PC11
PA15
PA13
PA9
PC9
PC7
GND10
GND1
VCC1
RS
E
D4
D5
D6
D7
RIGHT


U$1
JOYSTICK-2AXIS-BUTTON
GND2
VCC2
VRX
VRY
SW
1
2
3
4
5
GND
+5V
VRX
VRY
SW


U$2
RS
GND1
E
D4
D5
D6
D7
4
5
6
7
8
9
10
11
12
13
14
RS
R/W
E
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
VDD
VO
VSS
A
K
2
3
1
15
16
VCC1
GND1
R1
204A