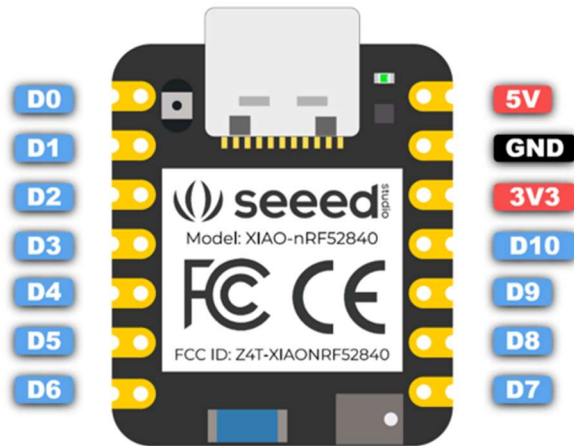


MotoButtons 2 Pinout Data

XIAO nRF52840 Microcontroller Pinout



Button and LED Assignment

- D0:** Joystick RIGHT (X+ / Blue wire)
- D1:** Joystick CENTER/TOP (5-way / Orange wire)
- D2:** Joystick UP (Y+ / Yellow wire)
- D3:** Joystick LEFT (X- / Pink wire)
- D4:** Joystick DOWN (Y- / Grey wire)
- D5:** Button A
- D6:** Button B
- D7:** Button C
- D8:** **RGB LED RED**
- D9:** **RGB LED BLUE**
- D10:** **RGB LED GREEN**

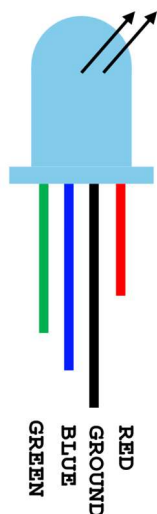
Ruffy HS1 Joystick Pinout Table

JST CONNECTOR: BM06B-SRSS-TB		
PIN #	WIRE COLOR	DESCRIPTION
1	BLACK	COMMON
2	BLUE	X+ SWITCH
3	PINK	X- SWITCH
4	YELLOW	Y+ SWITCH
5	GREY	Y- SWITCH
6	ORANGE	*TOP SWITCH

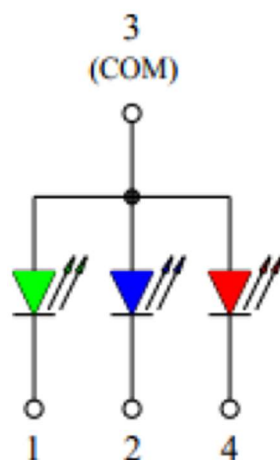
*(OPTIONAL)

QT Brightek RGB LED Pinout

Simplified Diagram



QBL8RGB60D0-2897



- 1 CATHODE GREEN
- 2 CATHODE BLUE
- 3 COMMON ANODE
- 4 CATHODE RED