Adafruit Circuit Playground Bluefruit

https://www.adafruit.com/product/4333

Legend
- Power
- GND
- CircuitPython Name
- Arduino Name
- GPIO
- High Speed
- Low Speed
- ADC

The Nordic nRF52840 is an ARM Cortex-M4 running at 64MHz with 256kB on-chip SRAM, 1MB of Flash memory and built-in Bluetooth Low Energy and native USB. Any pin can be used for I2C/SPI/UART/I2S/PDM/etc peripheral usage. LS pins can interfere with radio reception when over 10 Khz, however they are not restricted from going faster. All GPIO is 3.3V in/out max unless otherwise stated.

Left side
- GND
- AIN2 | HS | P0.04 | 3/A4 | A4
- AIN3 | HS | P0.05 | 2/A5 | A5
- 3.3V
- AIN6 | LS | P0.30 | 0/A6 | A6
- HS | P0.14 | 1 | TX
- GND

Right side
- 3.3V
- A3 | 10/A3 | P0.03 | LS | AIN1
- A2 | 9/A2 | P0.29 | LS | AIN5
- GND
- A1 | 6/A1 | P0.02 | LS | AIN0
- AUDIO | 12 | P0.26 | HS
- SPEAKER_ENABLE | 11 | P1.04 | LS
- VCC

Bottom left
- HS | P0.13 | 8 | NEOPIXEL
- HS | P0.06 | 35 | POWER_SWITCH
- AIN4 | LS | P0.28 | 22/A8 | LIGHT
- LS | P1.02 | 4 | BUTTON_A
- LS | P1.10 | 28 | ACCELEROMETER_SDA
- LS | P1.12 | 26 | ACCELEROMETER_SCL
- LS | P1.13 | 27 | ACCELEROMETER_INTERRUPT

Bottom right
- LED | 13 | P1.14 | LS
- TEMPERATURE | 23/A9 | P0.31 | LS | AIN7
- BUTTON_B | 5 | P1.15 | LS
- SLIDE_SWITCH | 7 | P1.06 | LS
- MICROPHONE_CLOCK | 25 | P0.17 | HS
- MICROPHONE_DATA | 24 | P0.16 | HS