adafruit CIRCUIT PLAYGROUND express PINOUT

I/O

NeoPixel	38	PB23	EINT7	S5:3								8
Speaker	3	PA02	EINT2	DAC				AIN0				A0
Temp. Sensor	14	PA09	EINT9	S2:1	I2SMC			AIN17				A9
Light Sensor	16	PA11	EINT11	S2:3	I2SF0			AIN19				A8
Sound Sensor	13	PA08	I2C	S2:0	I2SD1			AIN16				
	15	PA10	EINT10	S2:2	I2SCK			AIN18				

Button A	41	PA28	EINT8	S5:3								4
Button B	23	PA14	EINT14	S2:2								5
Slide Switch	24	PA15	EINT15	S2:3								7
IR TX	32	PA23	EINT7	S3:1	I2C	SOF						25
IR RX	21	PA12	EINT12	S2:0	I2C							26
Accelerometer	1	PA00	EINT0	S1:0	SDA							
	2	PA01	EINT1	S1:1	SCL							

Power
GND
Physical PIN
Port PIN
Analog PIN
Serial PIN
PIN Function
Interrupt PIN
Control PIN
IDE

PWM Pin
Port power group

The total current of each port power group should not exceed 65mA

Absolute MAX per pin 10mA, 7mA recommended

Absolute MAX 130mA for the entire package

GPIO pins rated for 3.3V Never connect them to 5V signals

USB Connector Micro Type B

Back Side

Flash Access

45	PA30	EINT10	S1:2	11	SWCLK
46	PA31	EINT11	S1:3		SWDIO
40	RESET				

GND
3V3
26 PA17 EINT1 I2C S1:3 — 13
3 A4 AIN11 TOUCH SCL S5:1 EINT3 PB03 48
12 PA07 EINT7 I2SD0 S0:3 TOUCH AIN7 10 A3
2 A5 AIN10 TOUCH SDA S5:0 EINT2 PB02 47
11 PA06 EINT6 S0:2 TOUCH AIN6 9 A2
3V3
GND
0 A6 AIN3 TOUCH RX S4:1 EINT9 PB09 8
10 PA05 EINT5 S0:1 TOUCH AIN5 6 A1
1 A7 AIN2 TOUCH TX S4:0 EINT8 PB08 7
3 PA02 EINT2 DAC TOUCH AIN0 12 A0
GND
VOUT

3V3 3V3 output from regulator Absolute MAX 500mA

VOUT Connected to either the USB power or the battery input Absolute MAX 500mA

Optional LiPoly Battery

https://www.adafruit.com/product/3333

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