

Digital Pins
digitalRead
digitalWrite
pinMode

Analog Pins
analogRead

PWM Pins
analogWrite

Digital Audio
Audio Library

Serial Ports
Serial1 - Serial7

I2C Port
Wire Library

SPI Port
SPI Library

CAN Bus
FlexCAN_t4
Library

Vin (3.6 to 5.5 volts)
GND

3.3V (250 mA max)

Pin	Label	Function
23	A9	CRX1
22	A8	CTX1
21	A7	RX5
20	A6	TX5
19	A5	SCL0
18	A4	SDA0
17	A3	TX4
16	A2	RX4
15	A1	RX3
14	A0	TX3
13	(LED)	SCK

MCLK1
BCLK1
LRCLK1
S/SDIF IN
S/SDIF OUT
CRX1
CTX1
BCLK1
LRCLK1
SCL0
SDA0
SCL1
CRX1
CTX1
SCK



On/Off
Program
GND
3.3V
VBat

GND

Pin	Label	Function
0	RX1	
1	TX1	
2	OUT2	
3	LRCLK2	
4	BCLK2	APA102
5	IN2	DRIVE
6	OUT1D	
7	OUT1A	RX2
8	IN1	TX2
9	OUT1C	
10	MQSR	CS
11	CTX1	MOSI
12	MQSL	MISO

CRX2
CTX2
OUT2
LRCLK2
BCLK2
IN2
OUT1D
OUT1A
IN1
OUT1C
MQSR
CTX1
MQSL

Used by Shield
Jumper Option: Swap Pins 7/8

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