

PIO Header	
GND	3VDD
I2C_SDA	I2C_SCL
PIO(11)	PIO(10)
PIO(9)	PIO(4)
PIO(3)	PIO(2)

Analogue Audio SW4
I2C_SCL
I2C_SDA
PIO(7)
PIO(3)
PIO(4)
PIO(10)
PIO(9)
PIO(11)

Microphone Header		
IN1/DMC	IN2/DMD	3V

SPKR OUT LCHANNEL
+VE
-VE

SPKR OUT RCHANNEL
+VE
-VE

J19 3V Source Header		
Battery	COM	VBUS REG

PWR SELECTOR
VBAT
COM
VBUS

AIO Header		
1V35	1V35	1V35
AIO(2)	AIO(1)	AIO(0)

WAKE SELECTOR	
LOW	HIGH
LOW	HIGH

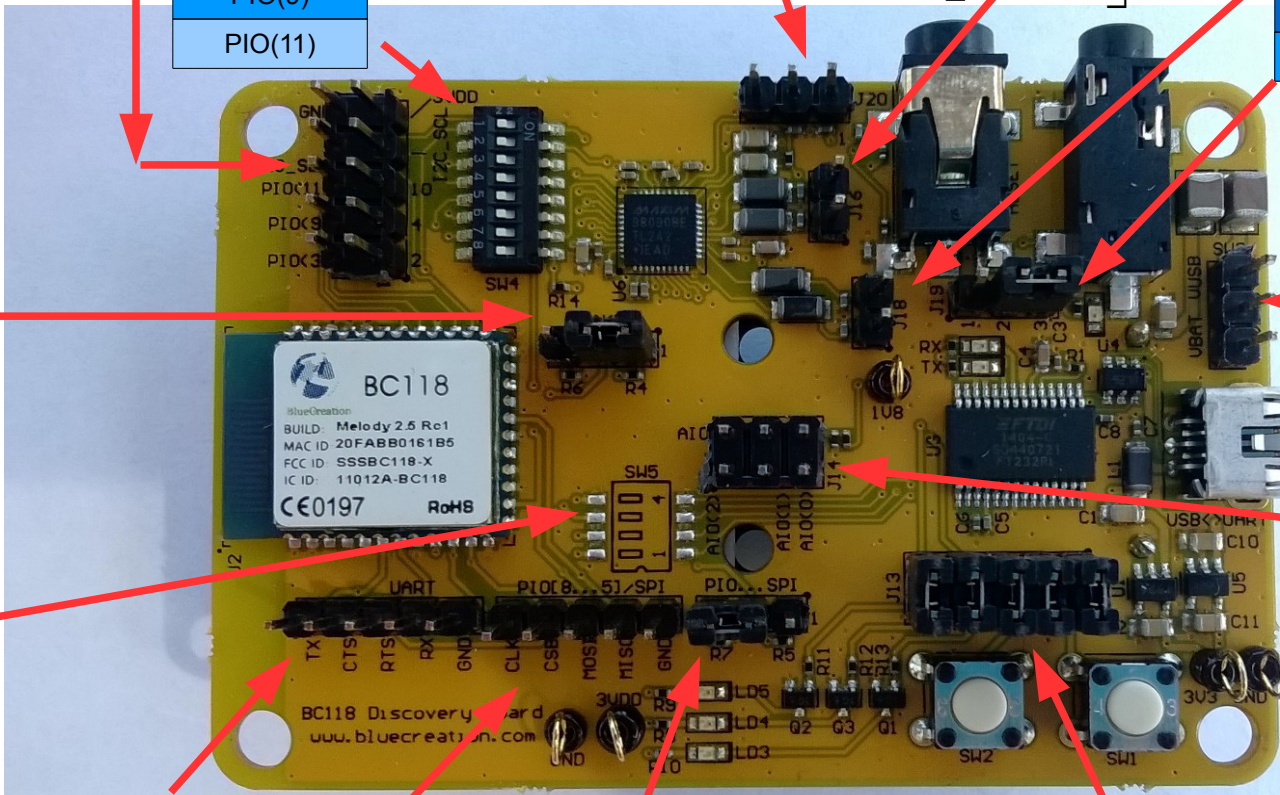
UART Switch
TX
RX
PIO(6)
PIO(5)

UART Header				
TX	CTS	RTS	RX	GND

SPI Header				
CLK	CSB	MOSI	MISO	GND

SPI/PIO SELECTOR	
PIO	SPI
PIO	SPI

PIO Options				
PIO(10)	PIO(9)	PIO(4)	PIO(7)	PIO(8)
RED LED	GREEN LED	BLUE LED	Button SW2	Button SW1



Switch on to Enable  
Codec Functionality

Headset

Line OUT

- Power Selection

- For VBAT Operation, board is supplied by 2AA cells connected in holder on back of board.
  - PWR Selector > Pin 1-2 VBAT
  - J19 Pin 1-2
  - 3V direct from battery, 1V8 from on board regulator
- For VBUS Operation, board is supplied from USB Power
  - PWR Selector > Pin 2-3 VBUS
  - J19 Pin 2-3
  - 3V3 and 1V8 generated from on board regulators
- Invalid Modes
  - PWR Selector > Pin 1-2 VBAT & J19 Pin 2-3
  - PWR Selector > Pin 2-3 VBUS & J19 Pin 1-2

- UART Selection

- For USB<>UART Operation
  - SW5 all on
- For UART HEADER Operation
  - SW5 all off