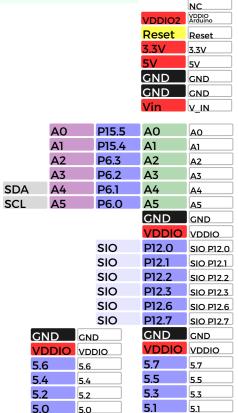
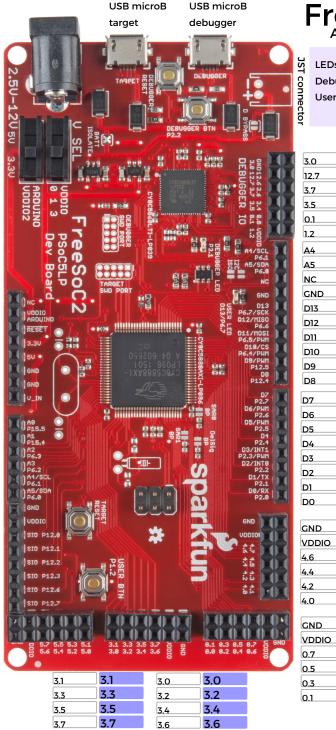


Power Vin = 2.5V-12V **VDDIO = 3.3V or 5V** 5V @ 500mA/3.3V @ 500mA

**Buttons** Debugger Reset Debugger button (P2.2) **Target Reset** Target Button (P1.2)



VDDIO Power switch Arduino VDDIO Power switch



VDDIO

GND

VDDIO

**VDDIO** 

GND

VDDIO

GND

## FreeSoC2 (Dev-13229) Arduino Configuration

**LEDs** 

Debugger LED (lit if can't detect a host; flash during data transfer) User LED: D13/P6.7

	_		_		_
Debugger	GND		_	GND	
Debugger	12	2.6		Debug	ger
Debugger	3.6			Debug	ger
Debugger	3.4		Debug		ger
Debugger	0.0		Debug		ger
Debugger	VDDIC		VDD		IO
A4	P6.4		Α		SDA
A5	P6.8		A5		SCL
]					
GND					
D13	P6.7		SCK		
D12	P6.6		MISO		
DII	P6.5		PWM		MOSI
D10	P6.4		PWM		CS
D9	P12.5		PWM		
D8	P12.4				
D7	P2 7				
D6	P2.6		PWM		
D5	P2.5		PWM		
D4	P2.4				
D3	P2.3		PWM		INTI
D2	P2.2		INTO		
D1	P2.1		TX		
D0	P2.0		RX		
GND	C	ND		GND	
	Debugger Debugger Debugger Debugger Debugger A4 A5 GND D13 D12 D11 D10 D9 D8 D7 D6 D5 D4 D3 D2 D1 D1 D0	Debugger Deb	Debugger Deb	Debugger Deb	Debugger   12.6

4.7

4.5

4.3

VDDIO

4.4	4.4
4.2	4.2
4.0	4.0
GND	GND
VDDIO	VDDIO
0.7	0.7
0.5	0.5
0.3	0.3
0.1	0.1

VDDIO

4.6

4.1	4.1
GND	GND
VDDIO	<b>VDDIO</b>
0.6	0.6
0.4	0.4
0.2	0.2
0.0	0.0

**VDDIO** 

4.7

4.5

4.3



