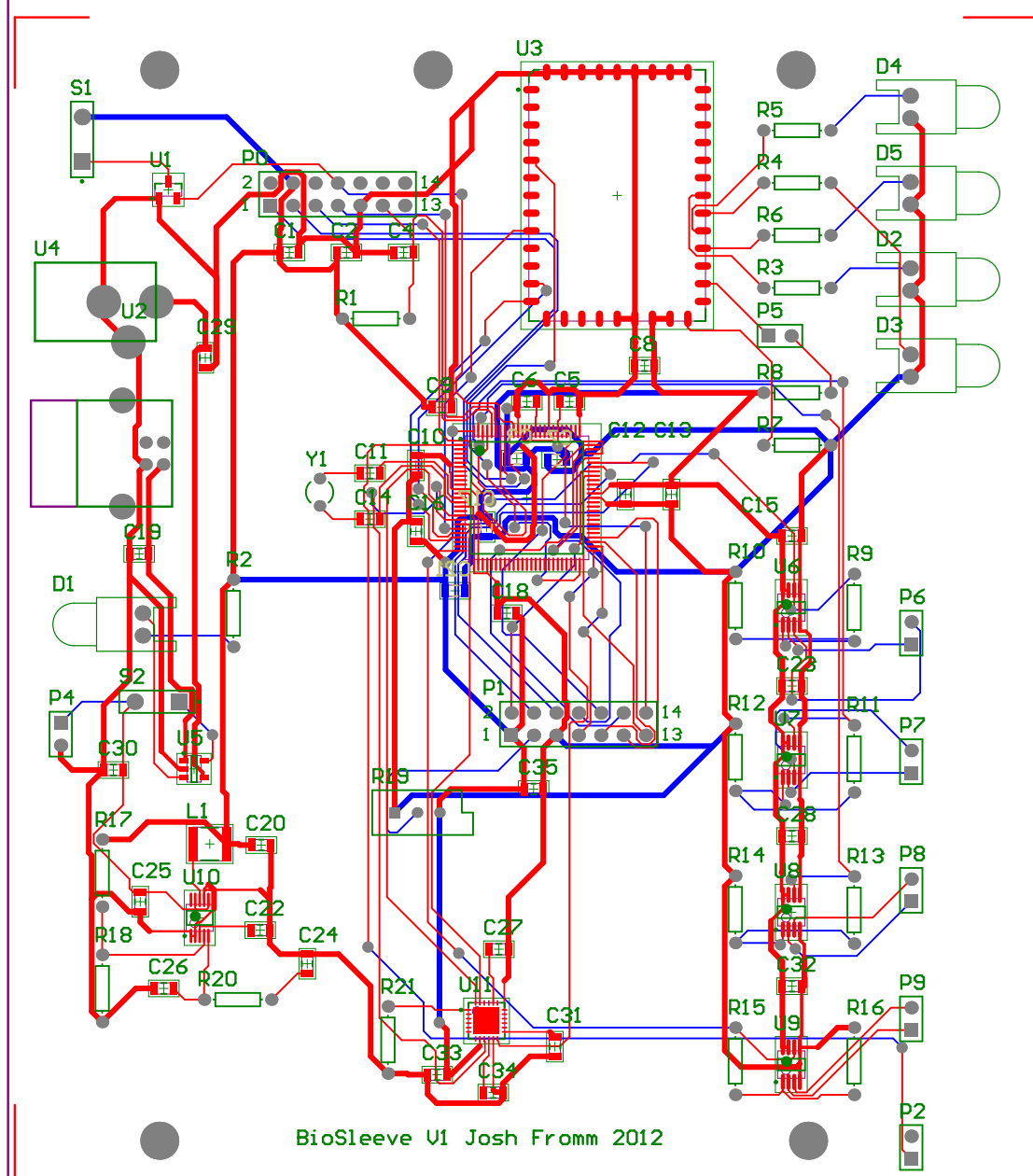


BioSleeve Prototype				
Size	Number	Page 1	Revision	1
Date:	6/20/2012		Sheet: 1 of 1	
File:	C:\Users\Josh\Documents\BioSleeve\MainSchDoc		Drawn By:	Josh Fromm

5900.00 (mil)



BioSleeve U1 Josh Fromm 2012

7900.00 (mil)

Bill of Materials

<Parameter Title not found>

Source Data From: BioSleeveProj.PrjPcb
 Project: BioSleeveProj.PrjPcb
 Variant: None

Creation Date: 6/20/2012 12:01:53 AM
 Print Date: 41080 41080.00134

Footprint	Comment	LibRef	Designator	Description	Quantity
PZ100_L	U0	MSP430F5438I			1
		PZ			
CAP0805	10uF	CAP0805	C1, C20, C25	SMD Capacitor	3
CAP0805	.1uF	CAP0805	C2, C5, C8, C9, C13, C15, C17, C19, C21, C22, C23, C28, C29, C30, C31, C32, C34, C35	SMD Capacitor	18
CAP0805	4.7uF	CAP0805	C3, C10, C12, C16	SMD Capacitor	4
CAP0805	2.2nF	CAP0805	C4, C6, C7, C24, C27	SMD Capacitor	5
CAP0805	20pF	CAP0805	C11, C14	SMD Capacitor	2
CAP0805	470nF	CAP0805	C18	SMD Capacitor	1
CAP0805	22pF	CAP0805	C26	SMD Capacitor	1
CAP0805	10nF	CAP0805	C33	SMD Capacitor	1
LED-0	LED0	LED0	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15	Typical INFRARED GaAs LED	15
INDUCTOR1515	4.7uH	INDUCTOR1515	L1	SMD Inductor	1
HDR2X7	JTAG Connection	Header 7X2	P0	Header, 7-Pin, Dual row	1
HDR2X7	Header 7X2	Header 7X2	P1	Header, 7-Pin, Dual row	1
HDR1X2	GND Electrode	Header 2	P2	Header, 2-Pin	1
HDR1X2	Battery Connection	Header 2	P4	Header, 2-Pin	1
HDR1X2	Jumper 1	Header 2	P5	Header, 2-Pin	1
HDR1X2	Electrode 1	Header 2	P6	Header, 2-Pin	1
HDR1X2	Electrode 2	Header 2	P7	Header, 2-Pin	1
HDR1X2	Electrode 3	Header 2	P8	Header, 2-Pin	1
HDR1X2	Electrode 4	Header 2	P9	Header, 2-Pin	1
AXIAL-0.3	Res1	Res1	R1, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32	Resistor	30
AXIAL-0.3	LED Limiter	Res1	R2	Resistor	1
VR5	RPot	RPot	R19	Potentiometer	1
SPST-2	SW-PB	SW-PB	S1	Switch	1
SPST-2	SW-SPST	SW-SPST	S2	Single-Pole, Single-Throw Switch	1
MAX809	MAX809	MAX809	U1	MAX809 Reset Chip	1
USB-B	USB B	usbthroughjack	U2		1
	CONNECTOR				
m-131G	m-131G	m-131G	U3	m-131G Wifi Module	1
Power Jack	Barrel Jack	BarJack	U4		1
MAX1555	MAX1555	MAX1555	U5	MAX1555 Battery Control	1
INA331	INA331	INA331	U6, U7, U8, U9	INA331 Instrumental Amplifier	4
MAX1927R	MAX1927R	MAX1927R	U10	MAX1927R Power Regulator	1
ITG-3200	ITG-3200	ITG-3200	U11	ITG-3200 IMU	1
R38	32 KHZ XTAL	XTAL	Y1	Crystal Oscillator	1
					107

Approved	Notes