

Bill of Materials			Bill of Materials For Project [Battery_Operated Node.PrjPcb] (No PCB Document Selected)		
Source Data From:			Battery_Operated Node.PrjPcb		
Project:			Battery_Operated Node.PrjPcb		
Variant:			None		
Creation Date:			4/12/2015 3:25:19 AM		
Print Date:			42107 42107.59481		
Footprint	Comment	LibRef	Designator	Description	Quantity
SWITCH-SPDT-SMD		SWITCH-SPDTSMD2	S1	part num:AYZ0102AGRLC or JS102011SAQN	1
4P-SMD-2.0	TWIG-4P-2.0-SM	TWIG-4P-2.0-SMD-MALE-REINFORCE'DD'	A, D, I2C	part num:1125S-SMT-4P URL: http://oom.it/J204S	3
44ML_N	ATmega32U4-AU	ATmega32U4-AU	32U4	8-bit AVR Microcontroller, 2.7-5.5V, 32KB Flash, 2.5KB EEPROM, 1	1
0603-CAP	.1uF	CAP0603-CAP	C2, C3, C4	ceramic capacitor	3
SMD_CAP_0805	100nF	Cap-Bipolar	Caref, Cnr1, Cq	ceramic capacitor	3
SMD_CAP_0805	10nF	Cap-Bipolar	Creset	ceramic capacitor	1
0603-CAP	1uF	CAP0603-CAP	C5	ceramic capacitor	1
SMD_CAP_0805	4.7nF	Cap-Bipolar	Cr1	ceramic capacitor	1
0603-CAP	4.7uF	CAP0603-CAP	C6	ceramic capacitor	1
1206	4.7uF	CAP1206	C7, C8	ceramic capacitor	2
SMD_CAP_1206	4.7uF	Cap-Bipolar	C_Ido1, C_Ido2	ceramic capacitor	2
HDR2X3	Header 3X2	Header 3X2	PROG	Header, 3-Pin, Dual row	1
HDR2X4	Header 4X2	Header 4X2	NRF2	Header, 4-Pin, Dual row	1
HDR2X5	Header 5X2	Header 5X2	UEXT	Header, 5-Pin, Dual row	1
Micro3_N	IRLML6401	IRLML6401	Qir	HEXFET Power MOSFET	1
LL4148	1N4148	Diode 1N4148	Dr	High Conductance Fast Diode	1
INDC3216	Inductor	Inductor	Lm1	Inductor 22uH /10% /5mA SIZE:805	1
INDC4532	Inductor	Inductor	Lreg	Inductor PART NUM:SD3114	1
LED SMD 1206	Red	LED	LED1, LED2, LED3	LED	3
MCP1640	mcp1640	mcp1640	M	MCP1640DT-I/CHY , 0.65V, Sync Reg., 6LD SOT-23 pkg	1
mic94060	MIC94060	MIC94060	MIC1, MIC2, MIC3, MIC4, MIC5, MIC6	MIC94060YC6, SC-70-6	6
SOT23-5	MCP73831	MCP73831	U1	Miniature single cell, fully integrated Li-Ion, Li-polymer charge mana	1
CAPP 1206 (3216X18L) Size A	4.7uF	Cap-Polar	Cnr2	Polar Capacitor	1
PANASONIC_D	100uF	CAP_POLD	C_BAT, C_usb	Polar Capacitor 6.3V	2
RES 0805 (2012X06L)	10k	Resistor	R2	Resistor	1
RES 0805 (2012X06L)	1M	Resistor	Rm12	Resistor	1
RES 0805 (2012X06L)	22	Resistor	R4, R5	Resistor	2
RES 0805 (2012X06L)	330	Resistor	R1, R6, R7, Rst1	Resistor	4
RES 0805 (2012X06L)	4.7k	Resistor	R3, Rmic6	Resistor	2
RES 0805 (2012X06L)	470K	Resistor	Rm13	Resistor	1
RES 0805 (2012X06L)	562	Resistor	RR2	Resistor	1
RES 0805 (2012X06L)	976	Resistor	RR1	Resistor	1
RESONATOR-SMD	8MHZ	RESONATOR8MHZ	Y1	Resonator ,Small SMD resonator,Used, eg, on the Arduino Pro/ Pro	1
SMA-DIODE	B340A	DIODE-SCHOTTKY-B340A	D1	Schottky diodes in SFE's production catalog<p>BAT20J 1A 23V 0.62	1
JST-2-SMD	JST-2	M02-JST-2MM-SMT	JP1	Standard 2-pin 0.1" header. Use with - straight break away head	1
USB-AB-MICRO-SMD_V03	USB-ABCONN-1	USB-ABCONN-11794	U5	part num: ZX62-AB-5PA(11) URL:http://www.digikey.com/product-d	1
TACTILE_SWITCH_SMD	IRESET	SWITCH-MOMENTARY-2SMD	S2	part num:TS-1518S	1
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Approved		Notes			