#	Part	Q'ty	Description	Package	Pads	Mounting type	Vendor	Part No.	Brand	Descriptor
	BLEduino									
1	3.3V Regulator	1	LP2985-33DBVR	SOT-23	5	SMD	TI	296-18476-1-ND	TI	U4
2	5V Regulator NCP1117-5	1	NCP1117ST50T3G	SOT-223	4	SMD	ON	NCP1117ST50T3GOSCT-ND	ON	U2
3	3x1 Male Headers	1		0.1"	0	SMD		929400E-01-03-ND		JP4
4	1x14 Male Headers	2		0.1"	0	SMD		929400E-01-14-ND		JP1, JP3
5	Anti-Static Varistor	2	CG0603MLC-05E	0603	2	SMD	Bourns Inc.	CG0603MLC-05ECT-ND	Bourns Inc.	Z1, Z2
6	ATMega32u4	1	ATMEGA32U4-MU	QFN-44	45	SMD	Atmel	ATMEGA32U4-MU-ND	Atmel	U1
7	ATMega328P	1	ATMEGA328P-MUR	QFN-32	33	SMD	Atmel	ATMEGA328P-MURCT-ND	Atmel	U3
8	BLE Controller	1	NRF8001-R2Q32-T	QFN-32	33	SMD	Nordic Semiconductor	949-NRF8001-R2Q32-T	Nordic Semiconductor	NRF8001
9	BALUN	1	2450BM14A0002T	0603 (6 pin)	6	SMD	Johanson Technology	44W4473	Johanson Technology	B1
10	CAP 100n Ceramic	10	0.1UF 25V 5% 0402->**X7R**	0402	2	SMD		587-1456-1-ND		C1, C2, C6, C9, C10, C11, C18, C22, C30, C31
11	CAP 15pF Ceramic	4	15PF 16V 5% 0402->**50V**	0402	2	SMD		311-1017-1-ND		C20, C21, C28, C29
12	CAP 1nF Ceramic	1	1000PF 10V 10% 0402->**50V**	0402	2	SMD		311-1036-1-ND		C27
13	CAP 1u Ceramic	3	1UF 16V 10% 0402->**10V X5R**	0402	2	SMD		445-4978-1-ND		C5, C4, C7
14	CAP 1uF Ceramic	2	1UF 16V 10% 0603->**X5R**	0603	2	SMD		311-1372-1-ND		C16, C24
15	CAP 2.2nF Ceramic	1	2200PF 25V 5% 0402->**50V X7R**	0402	2	SMD		490-6359-1-ND		C23
16	CAP 22p Ceramic	4	22PF 16V 5% 0402->**0.25PF 50V**	0402	2	SMD		311-1018-1-ND		C12, C13, C32, C33
17	CAP 22u Tantalum (Polarized)	2	CAP TANT 22UF 25V 1206->**10V**	1206	2	SMD		511-1465-1-ND		C3, C14
18	CAP 33nF Ceramic	1	0.033UF 10V 10% 0402->**16V**	0402	2	SMD		1276-1555-1-ND		C17
19	CAP 2pF Ceramic	1	2.0pF 10V 5% 0402->**0.25PF 50V**	0402	2	SMD				C15
20	IND 10uH	1	10UH 50mA 5% 0603->**10%**	0603	2	SMD		445-3166-1-ND		L5
21	IND 15nH	1	15NH 50mA %5 0402	0402	2	SMD	Bourns Inc.	CI100505-15NJCT-ND		L6
22	Crystal 16MHz	3	CRYSTAL 16MHZ 20PF SMD	3.20mm x 2.50mm	4	SMD		CTX732CT-ND		Y2, Y3, Y4
23	Crystal 32,768KHz	1	CRYSTAL 32,768 KHZ 12.5PF SMD	4.90mm x 1.80mm	2	SMD		535-9536-1-ND		Y5
24	Diode	1	DIODE 10V SOD-323	SOD-323	2	SMD		1N4148WS-FDICT-ND		D1
25	Ferrite Bead	1	MH2029-300YCT	0805	2	SMD		MH2029-070YCT-ND		L2
26	LED Blue	1	BLUE ~470NM DIFFUSED 0603 -> **BL-HB336A-TRB**	0603	2	SMD		475-2816-1-ND		BLE_CONN
27	LED Green	1	GREEN ~570NM DIFFUSED 0603 -> **BL-HG036D-AV-TRB**	0603	2	SMD		516-1425-1-ND		ON
28	LED Yellow	3	YELLOW ~587NM DIFFUSED 0603-> **BL-H4036D-AV-TRB**	0603	2	SMD		516-2856-1-ND		RX, TX, L
29	Level Converter BSS138	3	BSS138-7-F	SOT-23	3	SMD	Diodes Inc.	BSS138-FDICT-ND	Diodes Inc.	Q1, Q2, Q3
30	P-FET PMV48XP	2	PMV48XP,215	SOT-23	3	SMD	NXP	568-7579-1-ND	NXP	T1, T2
31	PTC	1	**MF-NSMF150-2** PTC 500mA	1206	2	SMD		MF-NSMF050-2CT-ND		F2
32	RES 10K	12	10K J 1/8W 0402->**1/10W**	0402	2	SMD		P10KJCT-ND		R1, R2, R4, R9, R12, R14, R18, R21, R22, R23, R24, R13
33	RES 1K	**4**	1K J 1/4W 0402->**1/10W**	0402	2	SMD		P1.0KJCT-ND		R5, R6, R7, R8,
34	RES 4K7	1	4K7 (1/16W)0402 5%							R19
35	RES 20K	2	20K J 1/8W 0402->**1/10W**	0402	2	SMD		P20KJCT-ND		R16,R15
36	RES 22	2	22R J 1/4W 0402->**1/10W**	0402	2	SMD		P22JCT-ND		R3, R10
37	RES 22K	1	22K J 1/8W 0402->**1/10W**	0402	2	SMD		P22KJCT-ND		R11
38	RES 0	1	0 Ohm resistor 0402->**1/10W**	0402	2	SMD				L1
39	Small Push Button	1	SWITCH TACTILE KMR2 ->**IPTG23K-Q-T/R**	KMR221NG LFS	4	SMD		CKN10246CT-ND		RESET
40	Micro USB Connector	1	10118194-0001LF		SMD - 5 Through - 4	SMD/Through-hole	FCI	609-4618-1-ND	FCI	X2
41	PCB	1						6L FR4 1.6mm Flash Gold - 12 pcs per panel		