

Item	QTTY	Component Reference	Description	Manufacturer	Manufacturer Part	Supplier	Supplier Part	Notes
1	2	C22-23	Capacitor 1pF 0402 NPO	Murata	GRM1555C1H1R0CZ01D	Farnell InOne	8819530	.
2	5	C1, C9, C12, C18, C24	Capacitor 47pF 0402 NPO	PhyComp(Yageo)	223886915479	Flint	2238-869-15479	.
3	1	C2	Capacitor 10nF 0402 X7R	PhyComp(Yageo)	223878715636	Farnell InOne	301-9275	.
4	9	C3, C6-8, C14-17, C20	Capacitor 100nF 0402 X5R	Bourns Yageo	CC0402AX5R104KTR	Flint	CC0402AX5R104KTR	.
5	2	C5, C19	Capacitor 10pF 0402 NPO	PhyComp(Yageo)	2238 869 15109	Farnell InOne	3019-160	.
6	2	C21, C38	Capacitor 12pF 0402 COG	KEMET	C0402C120J5GACTU	Farnell InOne	1414576	.
7	2	C10-11	Capacitor 15pF 0402 COG	KEMET	C0402C150J5GACTU	Farnell InOne	1414577	.
8	2	C4, C39	Capacitor 22pF 0402 NPO	AVX	CM05CG220J50AH	Farnell InOne	1216541	.
9	3	C40-42	Capacitor 220nF 0402 X5R	Murata	GRM155R61A224KE19D	Farnell InOne	8819718	.
10	1	C13	Capacitor 10uF 6.3V 0805 X5R	KEMET	C0805C106K9PAC	Farnell InOne	922-7814	.
11	2	C43-44	Capacitor 4.7uF 0603 X5R	KEMET	C0603C475K9PAC	Farnell InOne	922-7784	.
12	1	D1	LED SMD 0603 GREEN	AVAGO TECHNOLOGIES	ASMT-RF45-AN002	Farnell InOne	1652078	.
13	1	D2	LED SMD 0603 RED	AVAGO TECHNOLOGIES	ASMT-RR45-AQ902	Farnell InOne	1652080	.
14	2	D4-5	1PS79SB30	NXP	1PS79SB30	Farnell InOne	8734097	.
15	3	F2-4	Ferrite Bead (470R ~ 100MHz)	Murata	BLM18PG471SN1	Farnell InOne	1515745	.
16	1	J2	USB Plug, Type A	LUMBERG	2410 07	Farnell InOne	1308875	.
17	1	L1	Inductor 5.6nH	muRata	LQP15MN5N6B02	Farnell InOne	1515368	.
18	2	L2-3	Inductor 2.7nH	muRata	LQP15MN2N7B02	Farnell InOne	1404732	.
19	1	Q1	Transistor, N Channel MOSFET, BSH105	NXP	BSH105	Farnell InOne	1758066	.
20	1	R1	Resistor 43K 0402 1%	PhyComp(Yageo)	232270674303	Farnell InOne	145-8795	.
21	1	R2	Resistor 1K2_0402 1%	PhyComp(Yageo)	RC0402FR-071K2L	Farnell InOne	9239243	.
22	2	R3, R10	Resistor 1K5 0402 1%	PhyComp(Yageo)	RC0402FR-071K5L	Farnell InOne	9239251	.
23	2	R11-12	Resistor 2K2 0402 1%	PhyComp(Yageo)	RC0402FR-072K2L	Farnell InOne	9239278	.
24	2	R7-8	Resistor 33R 0402 1%	PhyComp(Yageo)	RC0402FR-0733RL	Farnell InOne	9239057RL	.
25	1	R9	Resistor 680R_0402 1%	PhyComp(Yageo)	232270570681	Farnell InOne	923-2745	.
26	1	R13	Resistor 47K 0402 1%	PhyComp(Yageo)	RC0402FR-0747KL	Farnell InOne	9239430	.
27	1	U1	IC JN5148-001	NXP	JN5148-001	NXP	JN5148-001	.
28	1	U2	IC Serial 3V Flash SMD M25P40-AVMN6PB	Micron	M25P40-VMN6PB	Avnet	M25P40-VMN6PB	.
29	1	U3	LPC1343	NXP	LPC1343FHN33	Farnell InOne	1762581	.
30	2	U4-5	74AHC1G32	NXP	74AHC1G32GW/T1	Farnell InOne	1085242	.
31	1	U6	SE2431L	SiGe Semiconductor	SE2431L	SiGe Semiconductor	SE2431L	.
32	1	U10	LP2992AIM5-3.3	National Semi	LP2992AIM5-3.3/NOPB	Farnell InOne	1469139	.
33	1	X2	Crystal SMD FC-135 32.768 kHz	EPSON TOYOCOM	Q13FC1350000301	ACAL	FC-135 32.768 KHz	.
34	1	Y1	Crystal SMD 32 MHz	AEL	X32M000000S039A	AEL	X32M000000S039A	.
35	1	Y2	Crystal SMD TSX-3225 12 MHz	EPSON TOYOCOM	X1E000021016201	ACAL	TSX-3225 12MHz	.
36	0	J3-4	Parts Not To Be Fitted

Revision	Date	Assembly	Description
2V2	05/03/2012	DR1131	USB Dongle