Item	Name / Description	Package	Designator on schematic	Quantity
1	NXP LPC1769FBD100 - 32-bit ARM Cortex-M3	LQFP-100	U1	1
2	Texas Instruments TRS3232CDR RS-232	SOIC 16 Narrow	U2	1
3	Adesto Technologies AT45DB321E-SHF-T	SOIC (EIAJ) 8S2 8	U3	1
4	Texas Instruments DP83848CVV PHY 10/100	LQFP-48	U5	1
5	Texas Instruments LM2671M-3.3 Step Down	SOIC-8 Narrow	U6	1
6	LINK-PP LPJ4514GENL - Ethernet connector	/	P4	1
7	SMT Male Header IDC Connector 1.27mm 2x5 pin	/	P2	1
8	USB Type-B Right Angle Female Connector	/	P3	1
9	RS-232 Female Serial Connector DB9	/	P1	1
10	5.5MM x 2.5MM Female DC Connector	/	P7	1
11	3.81mm 2 pin Male Terminal Block Vertical	/	P8	1
12	2.54mm 2 pin Male Header Jumper	/	W1	1
13	2.54mm 2x8 pin IDC Female Header Connector	/	P6	1
14	2.54mm 2x4 pin IDC Female Header Connector	/	P5	1
15	Tactile Push Button 6x6mm Right Angle	/	S1	1
16	1N5819 SS14 Schottky Diode SMD	SS14	D6, D7, D9	3
17	3mm LED Red	/	D1, D2, D3, D4, D5, D8	6
18	12 MHz SMD Crystal 5032 5x3.2mm	5032	Y2	1
19	32.768 kHz SMD Crystal FC-135	FC-135 3.2x1.5mm	Y1	1
20	50 MHz SMD Oscillator ACT9200 5x7mm	ACT9200 5x7mm	Y3	1
23	3.6V DC 0.22F Supercapacitor	Bulk	BT1	1
24	220uF 16V Aluminium Electrolytic Capacitor 6.3x7.7mm	/	C22, C24	2
25	100nF	0603	C1, C2, C3, C4, C9, C10, C11, C14, C15, C16, C17, C18, C19,	15
26	22pF	0603	C5, C6, C7, C8	4
27	18pF	0603	C12, C13	2
28	1uF	0603	C20	1
29	10nF	0603	C21	1
30	10k	0603	R1, R3, R4, R5, R6, R7, R8, R29	8
31	1k	0603	R9	1
32	470R	0603	R10, R11, R12, R13, R14, R25, R26, R36	8
33	1k5	0603	R16	1
34	33R	0603	R17, R18	1
34	75R 1%	0603	R19, R24, R27, R28	4
35	49R9 1%	0603	R20, R21, R22, R23	4
36	2k2	0603	R30, R31, R32, R33, R34	5
37	4k7	0603	R35	1
38	50R	0805	R15	1