Part	Value	Device
C1	2.2µF	CAPACITOR_0603
C2	0.01µF	CAPACITOR_0603
C3	1µF	CAPACITOR_0603
C4	10µF	CAPACITOR_0603
C5	10µF	CAPACITOR_0603
C6	10nF	CAPACITOR_0603
C7	1µF	CAPACITOR_0603
C8	22pF	CAPACITOR_0603
C9	22pF	CAPACITOR_0603
C10	100nF	CAPACITOR_0603
C11	10µF	CAPACITOR_0603
C12	22pF	CAPACITOR_0603
C13	22pF	CAPACITOR_0603
C14	100nF	CAPACITOR_0603
C15	100nF	CAPACITOR_0603
C16	0.1µF	CAPACITOR_0603
CN1	USB_CON	USBMINIB
D1	MBR120	DIODE_SOD-123FL
IC1	MCP73831/OT	MCP73831/OT
IC2	BN055	1658_BNO055
IC3	74HC4051D	74HC4051D
J1		CONN_04SMD2
J3	ISP_Interface	CONN_03X2FEMALE
J4	BAT_CON	CONN_02
J5		CONN_04SMD2
J6		CONN_04SMD2
J7		CONN_04SMD2
J8		CONN_04SMD2
J9	I2C_Interface	CONN_03
LED1	Power	LEDCHIPLED_0603
LED2	Charging	LEDCHIPLED_0603
LED3	Done	LEDCHIPLED_0603
LED4		LEDCHIPLED_0603
LED5		LEDCHIPLED_0603
Q1		MICROBUILDER_MOSFET-P
R1	470	RESISTOR_0603
R2	470	RESISTOR_0603
R3	470	RESISTOR_0603
R4	470	RESISTOR_0603
R5	470	RESISTOR_0603
R6	22	RESISTOR_0603
R7	22	RESISTOR_0603
R8	100k	RESISTOR_0603
R9	2k	RESISTOR_0603
R10	4k7	RESISTOR_0603
R11	4k7	RESISTOR_0603
R12	4k7	RESISTOR_0603
R13	150	RESISTOR_0603

R14	1k	RESISTOR_0603
R15	10k	RESISTOR_0603
R16	10k	RESISTOR_0603
R17	10k	RESISTOR_0603
R18	10k	RESISTOR_0603
R19	10k	RESISTOR_0603
S1	Power	SWITCH-SPDT-PTH-11.6X4.0MM
SW1	Reset	SPST_TACT-KMR2
SW2	Bootloader	SPST_TACT-KMR2
U$2	nRF24L01+	6-PIN-BREAKOUT6-PIN-BREAKOUT
U1	32U4	ATMEGA32U4TQFP-44
U2	MAX1704X	MAX1704X
U4	Value	TPS79633QDCQRQ1
UART_INTERFACE	UART_Interface	CONN_02
Y1	32.768kHz	CRYSTAL-32.768KHZSMD-3.2X1.5
Y4	8MHz	CRYSTAL-8MHZSMD-5X3.2

Package
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
CAPC1608X92N
USB-MINIB
SOD-123FL
SOT23-5L
LGA-28_3.80X5.20/0.5
SOIC127P600X175-16N
1X04_1MM_RA
2X3
1X02
1X04_1MM_RA
1X04_1MM_RA
1X04_1MM_RA
1X04_1MM_RA
1X03
CHIPLED_0603
CHIPLED_0603
CHIPLED_0603
CHIPLED_0603
CHIPLED_0603
MICROBUILDER_SOT23-R
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N

RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
RESC1608X55N
SWITCH_SPDT_PTH_11.6X4.0MM
KMR2
KMR2
6-PIN-BREAKOUT
TQFP44
TDFN-8
DCQ0006A_N
1X02
CRYSTAL-SMD-3.2X1.5MM
CRYSTAL-SMD-5X3.2-4PAD