

RefDes	Value	Name	Digikey Part Number	
C1	4.7uF	CAP0603-CAP	445-1417-1-ND	
C6, C12, C13, C18	1uF	CAP0603-CAP	587-2984-1-ND	
C7, C8, C9, C17, C19	0.1uF	CAP0603-CAP	445-1316-1-ND	
C14	220nF	CAP0603-CAP	445-1318-1-ND	
C15, C16	12pF	CAP0603	445-1270-1-ND	
D1, D4, D5, D6	1N4148	DIODE_0603	641-1285-1-ND	
D2, D8	RED	LEDCHIP-LED0805	754-1123-1-ND	
D3	GREEN	LEDCHIP-LED0805	732-4971-1-ND	
D7	BLUE	LEDCHIP-LED0805	732-4966-1-ND	
LP1		LP5907	LP5907MFX-3.3/NOPB-ND	Digikey has high minimum on this
R1, R8, R3, R14	10k	RESISTOR0603-RES	311-10.0KHRCT-ND	
R4, R5, R9, R10	1k	RESISTOR0603-RES	311-1.00KHRCT-ND	
R6, R7	220	RESISTOR0603-RES	P220HCT-ND	
R11, R12, R13	1.5k	RES_0603	311-1.50KHRCT-ND	
R15, R2	2.2k	RES_0603	311-2.20KHRCT-ND	This controls charge current, A=890/R
S1		SMA_EDGE		
U2		RFM22SMD		
U3		ATMEGA328_SMT	ATMEGA328P-AURCT-ND	
U5		LFCN	311-0.0ERCT-ND	Minicircuits LPF, can be replaced with 1206 0ohm
U6		BQ24075	296-23840-1-ND	
U7		TRANSISTOR_NPNSOT23	ZXTN07012EFFCT-ND	
U9		CP2102	336-1160-5-ND	
U10		10103594-0001LF	609-4050-1-ND	
X1		XTAL-4-3225	644-1174-1-ND	
Buzzer (very loud)		Buzzer	AI-3035-TWT-3V-R	