

QTY	Reference	Part	Package	Manufacturer	PN	Any?	Notes
1	A1	ANT	5.1mm SMT	Linx	ANT-433-USP	N	
1	BT1	AAA	0.5 in	Keystone	2479	Y	
1	C1	2.2uF	3216 (mm)	Kemmet	T491A225K016AT	Y	
1	C14	4.7nF	3216(mm)	Vishay	VJ1206Y472KXQCW1BC	Y	
2	C15, R15	0 Ohm	3216 (mm)	Vishay	CRCW12060000Z0EA	Y	
1	C2	10nF	0603 (mm)	Kemmet	C0201C103K4PACTU	Y	
1	C3	220pF	0603 (mm)	TDK	C0603X7R1E221M030BA	Y	
1	C5	47uF	6.3 mm x 5.4 mm	Kemet	EEV476M035A9GAA	Y	
1	C4	0.1uF	0603 (mm)	Kemet	T491A104M035AT	Y	
8	C6 - C13	0.1uF	3216(mm)	Vishay	VJ1206Y104KXQCW1BC	Y	
3	D1, D7, D14	Red LED	0603 (mm)	Lite-On	LTST-C193KRKT-5A	Y	
1	D13	RGB LED	PLCC-6	Avago	ASMT-YTB2-0BB02	Y	
1	D15	0.5A	3216(mm)	Schottky	SD1206S040S0R5	Y	
2	D2, D8	Ong LED	0603 (mm)	Lite-On	LTST-C193KFKT-5A	Y	
2	D3, D9	Yel LED	0603 (mm)	Lite-On	LTST-C193KSKT-5A	Y	
2	D4, D10	Grn LED	0603 (mm)	Lite-On	LTST-C193KGKT-5A	Y	
2	D5, D11	Blu LED	0603 (mm)	Lite-On	LTST-C194TBKT	Y	
2	D6, D12	Pink LED	0603 (mm)	Panasonic	LNJP12X8ARA	N	
0	L1		1608 (mm)	Taiyo Yuden	HK16083N9S-T	Y	DNP/DNI
1	MK1	2.2k	4mm	PUI	TOM-1545P-R	N	
2	P1, P2	2x8	2 mm	3M	961208-6404-AR	Y	DNI
1	P3	1x8	2mm	Harwin	M22-2010846	Y	DNI
1	R1	10k	3216 (mm)	Vishay	CRCW120610K0FKEA	Y	
3	R2, R3, R4	2.2k	3216 mm	Vishay	CRCW12062K20FKEA	Y	
1	U1	Atmel MCU	TQFP-32	Atmel	ATmega328P-AU	N	
1	U2	433Mhz	SOP-14	HopeRF	RFM12B-433S2	N	Customer Supplied
1	U3	LED Controler	HTSSOP-28	TI	TLC5940PWP	N	
1	U4	22db Amp	SC-70	Maxim	MAX9812LEXT+T	N	
1	VR1	3.3v Reg	SOT 223-4	TI	UA78M05CDCYR	Y	
1	X1	16 MHz Xt	5mm	ECS	X908-ND	N	