

QTY Full	Board Reference Full	Value	Info	P/N – Specs
1	C14	47uF	CAP TANT 47UF 6.3V 10%	Tantalum
1	C16	10uF	CAP TANT 10UF 35V 10%	Tantalum
1	C23	4.7nF	CAP CER 4700PF 100V 10%	472
6	C2,C4,C6,C8,C10,C24	0.22uF	CAP CER 0.22UF 50V 10%	224
7	C1,C3,C5,C7,C9,C13,C15	0.1uF	CAP CER 0.1UF 50V 20%	104
1	C18	0.33uF	CAP CER 0.33UF 50V 10%	334
2	C19,C25	0.01uF	CAP CER 10000PF 50V 10%	103
3	C11,C12,C20	1uF	CAP CER 1UF 50V 20%	105
1	D16	1N5919BG Zener	ZENER 5.6V 3W	1N5919BG
2	D15,D17	1N5818-TP Schottky	SCHOTTKY 1A 30V DO41	1N5818TP
7	R1,R3,R61,R26,R28,R33,R34	1% 2.49k	2.49k Ohm 1/4W ±1%	
17	R11,R12,R15,R16,R21,R23,R24,R29,R30,R39,R40,R50,R51,R57,R58,R59,R60	1k	1.00K OHM 1/4W 5%	
12	R9,R10,R13,R14,R35,R36,R37,R38,R48,R49,R55,R56	100k	100K OHM 1/4W 5%	
6	R2,R4,R6,R8,R22,R41	470	470 OHM 1/4W 5%	
4	R25,R27,R31,R32	10	10 OHM 1/4W 5%	10-20ohms acceptable
1	R7	0.1% 3.9k	3.9K OHM 1/4W 0.1%	
1	R62	120	120 OHM 1/4W 5%	
2	R54,R63	10k	10.0K OHM 1/4W 5%	
4	LED 1-4	LED	LED 3MM	
1	U1	LM2940T-5.0/NOPB	LM2940-5.0 1A TO220	LM2940T-5.0
1	U2	Surge Protection	SURGE ABSORBER 14MM 22V	ERZ-V14D220
8	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8	62A MOSFET N-CH	MOSFET N-CH 33V TO-220	STP75NS04Z or STP62NS04Z
2	IC1,IC2	TC4424EPA	3A DUAL HS 8-DIP	TC4424EPA
1	IC4	SP721APP	TVS ARRAY	SP721APP
1	MPX4250AP	MPX Map Sensor		MPX4250AP or MPX4400
Total:	Does not include Headers, Jumpers, Arduino, Terminals			
93	Detonation (Aaron S.) 2020			