

<u>Component</u>	<u>Qty</u>	<u>Description</u>	<u>Price (each)</u>	<u>Price (total)</u>
1N4148WTDICT	2	DIODE SWITCH 100V 150MW SOD-523	\$0.43	\$0.86
300-8538-1	1	CRYSTAL 7.3728 MHZ SMT 18PF	\$0.75	\$0.75
0467.500NR	9	FUSE .500A FST 0603	\$1.02	\$9.18
0467001.NR	2	FUSE 1A 32V FST 0603	\$1.02	\$2.04
1008AF-112XKL	5	CHIP INDUCTOR 1.1 μ H	\$1.21	\$6.05
AD8397ARZ	2	IC OP AMP R-R HI OUTPUT 8-SOIC	\$5.51	\$11.02
AD8604AR	5	IC OPAMP QUAD R-R I/O 14-SOIC	\$2.34	\$11.70
BAT760DICT	1	DIODE SCHOTTKY 30V 1A SOD-323	\$0.72	\$0.72
T494D107K010AT	5	CAPACITOR TANT 100UF 10V 10% SMD	\$2.60	\$13.00
C0603C104K5RACTU	34	CAP CERAMIC .100UF 50V X7R 0603	\$0.06	\$2.18
C0603C103J5RACTU	18	CAP CERAMIC 10000PF 50V X7R 0603	\$0.03	\$0.59
CC0603CRNP09BN5R0	1	CAP CERAMIC 5.0PF 50V NP0 0603	\$0.07	\$0.07
C0603C180J5GACTU	1	CAP CERAMIC 18PF 50V NP0 0603	\$0.06	\$0.06
C0603C471K5RACTU	1	CAP CERAMIC 470PF 50V X7R 0603	\$0.07	\$0.07
GRM31MR71A225KA01L	2	CAP CER 2.2UF 10V 10% X7R 1206	\$0.27	\$0.54
LMK316B7106KL-T	1	CAP CER 10UF 10V X7R 1206	\$0.40	\$0.40
81-GRM32R71A226KE20L	1	CAP CERAMIC 22uF 10% 10V X7R 1210	\$2.62	\$2.62
FDS8884TR	4	MOSFET N-CH 30V 8.5A 8-SOIC	\$0.48	\$1.92
LM1949N	4	IC CONTROLLER INJESTOR DRV 8-DIP	\$4.35	\$17.40
LT1933ES6	2	IC REG SW 600MA HS STDN TSOT23-6	\$4.48	\$8.96
MBRM140T3G	2	DIODE SCHOTTKY 40V 1A POWERMITE	\$0.33	\$0.65
MSS6122-273MLB	1	Inductor, Surface Mount, Shielded, 27uH	\$0.88	\$0.88
MSS6122-393MLB	1	Inductor, Surface Mount, Shielded, 39uH	\$0.88	\$0.88
CRCW06030000Z0EA	62	RES 0.0 OHM 1/10W 5% 0603 SMD	\$0.07	\$4.59
CRCW06031K50FKEA	4	RES 1.5K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.32
CRCW06032R00FNEA	4	RES 2.00 OHM 1/10W 1% 0603 SMD	\$0.08	\$0.32
CRCW06033K00FKEA	4	RES 3.00K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.32
CRCW06033K90FKEA	9	RES 3.9K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.73
CRCW06034K99FKEA	4	RES 4.99K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.32
CRCW06036K80FKEA	9	RES 6.8K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.73
CRCW06037K50FKEA	4	RES 7.50K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.32
CRCW060310K0FKEA	54	RES 10.0K OHM 1/10W 1% 0603 SMD	\$0.08	\$4.37
CRCW060315K0FKEA	7	RES 15.0K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.57
CRCW060330K1FKEA	2	RES 30.1K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.16
CRCW060333K0FKEA	6	RES 33.0K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.49
CRCW060347K0FKEA	2	RES 47.0K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.16
CRCW060339K0FKEA	1	RES 39.0K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.08
CRCW060354K9FKEA	1	RES 54.9K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.08
CRCW0603499RFKEA	4	RES 499 OHM 1/10W 1% 0603 SMD	\$0.08	\$0.32
RL7520WS-R10-F	4	RES .10 OHM 2W 1% 0830 SMD	\$1.93	\$7.73
ERJ-1TYJ392U	4	RES 3.9K OHM 1W 5% 2512 SMD	\$0.40	\$1.58
SN74AHCT125	3	IC QUAD BUS BUF GATE 3ST 14TSSOP	\$0.47	\$1.41
TC4468COE	1	IC MOSFET DVR QUAD AND 16SOIC	\$2.48	\$2.48
TMP36FSZ	1	IC SENSOR TEMP 2.7/5.5 8SOIC	\$1.65	\$1.65
TMS470R1B512PGET	1	IC RISC MICRO 16/32BIT 144-LQFP	\$14.74	\$14.74
SMBJ5360B-TP	12	DIODE ZENER 5W 25V SMB	\$1.00	\$12.00
S1GB-13	8	RECTIFIER GPP SMD 400V 1A SMB	\$0.53	\$4.24
TPS70302PWP	1	IC ADJ1.22-5.5V LDO 24-HTSSOP	\$5.29	\$5.29

CRCW060318K0FKEA	1	RES 18.0K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.08
CRCW060351K1FKEA	1	RES 51.1K OHM 1/10W 1% 0603 SMD	\$0.08	\$0.08
TAJB226K010R	1	CAP TANTALUM 22UF 10V 10% SMD	\$0.55	\$0.55
TPSB476K010R0250	1	CAP TANT LOWESR 47UF 10V 10% SMD	\$1.13	\$1.13
C0603C224J5RACTU	2	CAP CERAMIC .22UF 50V X7R 0603	\$0.04	\$0.09
S1GBDITR-ND	6	RECTIFIER GPP SMD 400V 1A SMB	\$0.08	\$0.48
FDS6673AZ	2	MOSFET P-CH 30V 14.5A 8SOIC	\$1.01	\$2.02
Aluminum Sheet Stock 2024-T3	1	12 X 12 X .04"	\$20.40	\$20.40
Aluminum Rod Stock	1	3/32" diameter	\$2.09	\$2.09
Therm-A-Gap A580 (best for vibration dampening)	1	custom	-	-
Silicon based waterproofing sealant (Permatex)	1	3 oz	\$6.00	\$6.00
Vibra-tite	1	30 cc	\$18.00	\$18.00
#4 Screws-SS100 degree	8	TBD	\$2.00	\$2.00
Antivibration Washers	4	-	-	-
			Total: \$210.49	