

Item Number	Quantity	Value	Description	Part Reference	Manufacturer PN
1	2	1.0uF	CAP, CER, 1.0uF, 25V, 10%, X7R, 1206	C1 C4	C1206C105K3RACTU
2	2	4.7uF		C2 C3	TPSB475K025R0700
3	2	10uF	CAP TANT LOESR 10UF 35V 10% SMD	C5 C21	TPSD106K035R0125
4	30	0.10uF	CAP, CER, 0.10uF, 16V, 10%, X7R, 0603	C6 C9 C10 C11 C12 C13 C14 C20 C23 C25 C26 C27 C28 C29 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C42 C46 C47 C48	C0603C104K4RAC
5	2	15pF	CAP CERAMIC 15PF 50V NP0 0805	C7 C8	C0805C150J5GACTU
6	1	47uF	CAP TANT 47UF 50V 10% 3024	C15	597D476X9050Z2T
7	2	1.0uF	CAP CER 1UF 25V 10% X7R 0805	C16 C22	C0805C105K3RACTU
8	2	10uF	CAP TANT 10UF 10V 10% 1210	C17 C24	TPST106K010R1000
9	2	1.0uF	CAP CER 1UF 50V 10% X7R 0805	C18 C19	C0805C105K5RACTU
10	2	0.47uF	CAP CER 0.47UF 100V 10% X7R 1206	C43 C49	C1206C474K1RAC
11	4	1.0uF	CAP 1.0UF 16V CERAMIC X7R 0805	C44 C45 C50 C51	C0805C105K4RAC
12	2	0.1uF	CAP CER .1UF 25V X7R 1206 FO	C52 C53	C1206F104K3RACTU
13	1	LTST-C150KGKT	LED GREEN CLEAR 1206 SMD	D1	LTST-C150KGKT
14	1	LTST-C150KRKT	LED SUPER RED CLEAR 1206 SMD	D2	LTST-C150KRKT
15	8	SMAJ22CA	TVS DIODE 22VWM 35.5VC SMA	s	SMAJ22CA
16	6	DZ2W03000L	DIODE ZENER 3V 1W MINI2	D11 D12 D13 D14 D15 D16	DZ2W03000L
17	6	LTST-C150AKT	LED AMBER CLEAR 1206 SMD	D17 D18 D19 D20 D21 D22	LTST-C150AKT
18	8	0154005.DR	FUSE FAST 125VAC, 125VDC 5A SMD	F1 F2 F3 F4 F5 F6 F7 F8	0154005.DR
19	5	1803426	CONN HEADER VERT 2POS 3.81MM	J1 J2 J3 J4 J6	1803426
20	1	87831-0620	CONN HEADER 6POS 2MM VERT GOLD	J5	87831-0620
21	3	70543-0001	CONN HEADER 2POS .100 VERT GOLD	J7 J21 J22	70543-0001
22	5	70543-0002	CONN HEADER 3POS .100 VERT GOLD	J8 J9 J10 J11 J12	70543-0002
23	1	OSTYK33102030	CONN BARRIER STRIP 2POS 8.25MM	J13	OSTYK33102030
24	6	1803439	CONN HEADER VERT 3POS 3.81MM	J14 J15 J16 J17 J18 J19	1803439
25	1	TSW-103-14-T-S	CONN HEADER 3POS .100" SNGL TIN	J20	TSW-103-14-T-S
26	3	87224-2	CONN HEADER VERT .100 2POS 15AU	JP1 JP2 JP3	87224-2
27	2	TLP3542(F)	PHOTOCOUPLER PHOTORELAY 6-DIP	K1 K2	TLP3542(F)
28	4	1826979	TERM BLOCK PLUG 2POS 3.81MM	P1 P3 P4 P6	1826979
29	1	1803578	CONN TERMBLOCK PLUG 2POS 3.81MM	P2	1803578
30	1	51110-0650	CONN HOUSING 2MM 6POS	P5	51110-0650
31	3	50-57-9402	CONN HOUSING 2POS .100 W/LATCH	P7 P21 P22	50-57-9402
32	5	50-57-9403	CONN HOUSING 3POS .100 W/LATCH	P8 P9 P10 P11 P12	50-57-9403
33	6	1826982	TERM BLOCK PLUG 3POS 3.81MM	P14 P15 P16 P17 P18 P19	1826982
34	2	SI4559ADY-T1-GE3	MOSFET N/P-CH 60V 5.3A 8-SOIC	Q1 Q2	SI4559ADY-T1-GE3
35	6	BSS138W-7-F	MOSFET N-CH 50V 200MA SC70-3	Q3 Q4 Q5 Q6 Q7 Q8	BSS138W-7-F
36	2	LND150N8-G	MOSFET Small Signal 500V 1KOhm	Q9 Q10	LND150N8-G
37	2	0	RES 0.0 OHM 1/4W 1206 SMD	R1 R9	CRCW12060000Z0EA
38	7	TBD	TO BE DETERMINED, HEIGHT 0.6mm	R2 R10 R72 R82 R83 R84 R85	
39	11	10.0K	RES SMD 10K OHM 1% 1/4W 1206	R3 R7 R8 R11 R13 R28 R29 R30 R31 R32 R33	CRCW120610K0FKEA
40	2	7.15K		R4 R12	CRCW12067K15FKEA
41	1	130		R5	CRCW1206130RFKEA
42	2	100.0K	RES 100K OHM 1/10W 1% 0603 SMD	R6 R14	CRCW0603100KFKEA
43	7	130		R15 R41 R48 R50 R52 R54 R57	CRCW0603130RFKEA
44	1	332		R16	CRCW1206332RFKEA
45	10	100.0K		R17 R18 R19 R20 R42 R49 R51 R53 R55 R56	CRCW1206100KFKEA
46	1	120		R21	CRCW1206120RJNEA
47	6	249		R22 R23 R24 R25 R26 R27	CRCW0603249RFKEA
48	6	1.02K		R34 R35 R36 R37 R38 R39	CRCW12061K02FKEA
49	7	1.00K	RES SMD 1K OHM 1% 1/4W 1206	R40 R43 R44 R45 R46 R47 R89	CRCW12061K00FKEA
50	2	332		R58 R61	CRCW0603332RFKEA
51	12	10.0K	RES SMD 10K OHM 1% 1/10W 0603	R59 R62 R64 R66 R67 R71 R73 R74 R75 R81 R91 R92	CRCW060310K0FKEA
52	2	23.7K		R60 R63	CRCW120623K7FKEA
53	1	200		R65	CRCW0603200RFKEA
54	1	5K	TRIMMER 5K OHM 0.5W TH	R68	3296Y-1-502LF
55	1	8.06K		R69	CRCW06038K06FKEA
56	1	50K	TRIMMER 50K OHM 0.5W TH	R70	3296Y-1-503LF
57	1	2.00K		R76	CRCW06032K00FKEA
58	1	40.2K		R77	CRCW060340K2FKEA
59	1	6.65K		R78	CRCW06036K65FKEA

60	1 10K	TRIMMER 10K OHM 0.5W TH	R79	3296Y-1-103LF
61	1 324		R80	CRCW0603324RFKEA
62	4 499	RES 499 OHM 1/10W 1% 0603 SMD	R86 R87 R88 R90	CRCW0603499RFKEA
63	4 0.0	RES 0.0 OHM 1/4W JUMP 1206 SMD	R110 R112 R116 R118	ERJ-8GEY0R00V
64	1 10k	RES ARRAY 4 RES 10K OHM 8TSSOP	RN1	MORNTA1002AT5
65	1 8191	TERMINAL SCREW VERTICAL PC MNT W/ #6 SCREW	ST1	8191
66	1 97R02ST	SWITCH DIP HALF PITCH 2POS 24V	SW2	97R02ST
67	1 RED	TEST POINT PC COMPACT .063"D RED	TP1	5005
68	1 ORANGE	TEST POINT PC COMPACT .063"D ORN	TP2	5008
69	1 BLACK	TEST POINT PC COMPACT .063"D BLK	TP3	5006
70	1 GREY	TEST POINT PC COMPACT T/H GREY	TP4	5123
71	6 WHITE	TEST POINT PC COMPACT .063"D WHT	TP5 TP6 TP7 TP8 TP9 TP10	5007
72	1 BLUE	TEST POINT PC COMPACT T/H BLUE	TP11	5122
73	1 BROWN	TEST POINT PC COMPACT T/H BROWN	TP12	5120
74	2 GREEN	TEST POINT PC COMPACT T/H GREEN	TP13 TP14	5121
75	1 LT1129MPST-3.3#PBF	IC REG LDO 3.3V 0.7A SOT223	U1	LT1129MPST-3.3#PBF
76	1 AD1583ARTZ-REEL7	IC VREF SERIES PREC 3V SOT-23-3	U2	AD1583ARTZ-REEL7
77	1 PIC24FJ256GA106-I/PT	IC PIC MCU FLASH 256K 64TQFP	U3	PIC24FJ256GA106-I/PT
78	1 MAX3233EEWP+G36	IC TXRX RS232 DUAL250KBPS 20SOIC	U4	MAX3233EEWP+G36
79	1 MAX3161CAG+	IC TXRX RS232/485/422 24SSOP	U5	MAX3161CAG+
80	1 MIC5201-3.3YM-TR	IC REG LDO 3.3V 0.2A 8SOIC	U6	MIC5201-3.3YM-TR
81	1 RT9069-50GSP	IC REG LDO 5V 0.2A 8SOP	U7	RT9069-50GSP
82	1 ADUM4151BRIZ	DGTL ISOLATOR 5KV 7CH 20SOIC	U8	ADUM4151BRIZ
83	1 AD5676ARUZ-REEL7	IC DAC 16BIT SPI/SRL 20TSSOP	U9	AD5676ARUZ-REEL7
84	1 ADUM7640CRQZ	DGTL ISO 1KV 6CH GEN PURP 20QSOP	U10	ADUM7640CRQZ
85	6 AU1R3320S	IC SWITCH HI-SIDE 1CH D2-PAK-5	U11 U12 U13 U14 U15 U16	AU1R3320S
86	1 74LVC2G08DP,125	IC GATE AND 2CH 2-INP 8-TSSOP	U17	74LVC2G08DP,125
87	1 SN74LVC2G14DCKR	IC INVERTER DUAL SHMT-T SC-70-6	U18	SN74LVC2G14DCKR
88	1 ADR391BUJZ-REEL7	IC VREF SERIES PREC TSOT-23-5	U19	ADR391BUJZ-REEL7
89	1 ISO124U	IC OPAMP ISO 50KHZ SGL 28SOIC	U20	ISO124U
90	5 AD8641AKSZ-REEL7	IC OPAMP Bipolar JFET R-R 3.5MHZ SC70-5	U21 U22 U23 U24 U26	AD8641AKSZ-REEL7
91	1 ADR130BUJZ-REEL7	IC VREF SERIES PREC 0.5V TSOT-6	U25	ADR130BUJZ-REEL7
92	1 AD8603AUJZ	IC OPAMP GP R-R CMOS TSOT23-5	U27	AD8603AUJZ-REEL7
93	2 DCP022405DU	IC REG ISOLATED +/-5V 0.2A 12SOP	U28 U29	DCP022405DU
94	1 AD22103KTZ	SENSOR TEMP RATIOMETRIC TO92-3	U30	AD22103KTZ
95	1 MCT62	OPTOCOUPLER TRANS-OUT 2CH 8-DIP	U31	MCT62
96	1 8MHz	CRYSTAL 8.0000MHZ SERIES SMD	Y1	ECS-80-S-7SX-TR