

Comment	Description	Designator	Footprint	LibRef	Quantity	Company
0.1uF	±10%,50V,-55to+125°C	C1, C3	0805	cap	2	
1uF	±10%,50V,-55to+125°C	C2	0805	cap	1	
470uF	±10%,25V,10*10mm,-55°C to +125°C	C150, C250, C350, C450, C550	Cap - duplicate1	cap-pol	5	
header-12X2	205-2X12P-7.62	D1, D2, D3, D4, D5	Header-12X2-wgj	SHPEAK	5	SHPEAK
Header 2	201S-1X2PG-10.0/3.0	DG1, DG2, DG3, DG4, DG5	HDR1X2		5	
BNC		H1, H2, H3, H4	BNC	BNC	4	
Header_8P	5264-8AW / 22-05-7085	P1, P2, P3, P4, P5	Header_8P	Header 8	5	MOLEX
Header_19* 2P	205-2X10P-7.62	P6	Header_19* 2P	SHPEAK	2	SHPEAK
Header_20* 2P	205-2X10P-7.62	P7	Header_20* 2P	SHPEAK	2	SHPEAK
4.7K	0.01	R1, R2, R3	0805	res	3	
470	0.01	R4	0805	res	1	
1.6k	0.01	R5	0805	res	1	
22k	0.01	R6	0805	res	1	
10K	0.01	R112, R113, R212, R213, R312, R313, R412, R413, R512, R513	0805	res	10	
TL431CLP		U1	SOT89	TL431CLP	1	TI
LM339		U2	SOP14	LM339	1	TI
LM393		U3	LM393	LM393	1	TI

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0603	1nF	cap	C1		±10%, 50V, -55to+125℃	1
0603	1uF	cap	C1_H1, C1_H2, C1_H3		±10%, 50V, -55to+125℃	3
0603	0.1uF	cap	C2, C2_H1, C2_H2,		±10%, 50V, -55to+125℃	5
0603	10uF	cap	C4		±10%, 50V, -55to+125℃	1
0603	0.22uF	cap	C4_H1, C4_H2, C4_H3		±10%, 50V, -55to+125℃	3
SOD-123	1N5819	DIODE	D1_H1, D1_H2, D1_H3	DIODES INC.		3
1206	5A	FUSE	F1	BOURNS	SF-1206S50 Slow Blow	1
0603_diode	GREEN	LED	LED1			1
HDR2X12	Header 2X12	Header 12X2	P25			1
HDR1X2	Header 2	Header 2	P27			1
TO-252	IRFRU1205	IRFRU1205	Q1_H1, Q1_H2, Q1_H3, Q2_H1, Q2_H2, Q2_H3	INTERNATIONA L RECTIFIER		6
0603	4.7k	res	R1		1%	1
0603	100R	res	R1_H1, R1_H2, R1_H3, R2_H1, R2_H2, R2_H3		1%	6
SOIC-8	IR2103	IR2103	U1_H1, U1_H2, U1_H3	INTERNATIONA L RECTIFIER		3
SOIC-8	ACS712	ACS712	U4	ALLEGRO MICROSYSTEM S		1