



Comment	Description	Designator	Footprint	LibRef	Quantity
10uF		C1, C4, C11, C12, C14, C17, C19, C21, C23, C28, C32	CAP[1206]	Cap Pol	11
104		C2, C3, C5, C6, C7, C9, C10, C13, C15, C16, C18, C20, C22, C24, C25, C26, C27, C29, C30, C31, C33, C37, C38, C39, C41, C42	CAP[0805]	Cap	26
103		C8	CAP[0805]	Cap	1
47uF		C34, C35, C36, C40	CAP[1206]	Cap Pol	4
470nf		CAV1	CAP[0805]	Cap	1
Diode 1N4148	High Conductance Fast Diode	D1, D2	DO-35	Diode 1N4148	2
H1X2		H1, H2, H6, H8, LOAD1	MH1X2	H1X2	5
H1X3		H3	H1X3	H1X3	1
H1X2		H4, H10, VOUT1	H1X2	H1X2	3
H1X4		H5, H7, H13	H1X4	H1X4	3
VC		H9	H1X2	H1X2	1
H2X2		H11	H2.54-2X2	H2X2	1
H1X5		H12	H1X5	H1X5	1
Relay-SPDT	Single-Pole Dual-Throw Relay	K1, K2, K3, K4	MODULE5A	Relay-SPDT	4
Blue		LED1	LED	LED	1
9012	PNP General Purpose Amplifier	Q1, Q2, Q3, Q4	TO-92A	2N3906	4
510		R1, R32	RES[0805]	Res	2
3K		R2, R3, R28, R29	RES[0805]	Res	4
100k		R4, R27	RES[0805]	Res	2
10K		R5, R7, R12, R13, R14, R15, R23, R25	RES[0805]	Res	8
50		R6	RES[0805]	Res	1
25		R8	RES[0805]	Res	1
0		R9, R41	RES[0805]	Res	2
500		R10	RES[0805]	Res	1
5.1K		R11	RES[0805]	Res	1
2.7K		R16, R17, R18, R19	RES[0805]	Res	4
103		R20, R21	RES[0805]	Res	2
10k		R22, R26, R30, R36	Res	Res	4
102		R24, R35, R38, R39, R40, Rc1	RES[0805]	Res	6
147		R31	RES[0805]	Res	1
1M		R33	RES[0805]	Res	1
4.7K		R34	RES[0805]	Res	1
7.5k		R37	RES[0805]	Res	1
100.0		REF1	RES[0805]	Res	1
1.0		REF2	RES[0805]	Res	1
0.5		REF3	Res	Res	1
50K		RP1	DPDT-6	RPOT	1
1K		RP2	DPDT-6	RPOT	1
10.0		RRE1	RES[0805]	Res	1
OPA497		U1	SOIC_DIP16	OPA497	1
AD9833		U2	SOIC--DIP10	AD9833	1
VCA810		U3	SOIC---DIP8	VCA810	1
XALT	XALT	U4	XALT	XALT	1
DAC8501	DAC8501	U5	SOIC---DIP8	DAC8501	1
REF2041	REF2041	U6	SOT-5	REF2041	1
OPA703	OPA703	U7	SOT-5	OPA703	1
OPA547	OPA547	U9	BTS7970B	OPA547	1
OP07	OP07	U10, U12	DIP-8	OP07	2
AD637	AD637	U11	SOIC_DIP16	AD637	1
OPTOISO		U13, U14	OPTOISO	OPTOISO	2
2N7002		U15	2N7002	2N7002	1
ADS1115	ADS1115	U16	SOIC--DIP10	ADS1115	1