

poweramp

Qty	Reference(s)	Value	MPN	Mouser	Notes
6	C1, C2, C3, C4, C10, C15	100n/50V	C0805C104J5RACTU	80-C0805C104J5R	10%
2	C5, C11	1u/50V	CL21B105KBFNNNG	187-CL21B105KBFNNNG	10%
2	C6, C12	1n/50V	08055C102KAT2A	581-08055C102K	10%
1	C7	68p/50V	08055A680JAT2A	581-08055A680J	
4	C8, C9, C13, C14	1u/50V	CL21B105KBFNNNG	187-CL21B105KBFNNNG	10%
2	C16, C17	10u,50V,10%	GRM21BR61H106KE43L	81-GRM21BR61H106KE3L	
2	C18, C19	130p/50V	GRM2165C1H131JA01D	81-GRM215C1H131JA01D	
1	D1	SS13HE	SS13HE	512-SS13HE	Schottky Diode, 30V, 1A
4	D2, D3, D4, D5	S1B (1N4002)	S1B-13-F	621-S1B-F	
1	F2	Polyfuse	0805L075SL		Polymeric 6V 0.75A 0.2s 40mΩ 0805 PTC
1	J1	Power	68491-102HLF	649-68491-102HLF	
1	J2	RF_IN	142-0701-851	530-142-0701-851	
1	J3	RF_OUT	142-0701-851	530-142-0701-851	
1	J4	Power_Enable	68491-102HLF	649-68491-102HLF	
1	L1	5u6	CC453232-5R6KL	652-CC453232-5R6KL	
1	L2	470n	L-15FR47JV4E	609-L-15FR47JV4E	
1	L3	360n	36502AR36JTDG	279-36502AR36JTDG	5%,RF
1	Q1	MMBT3904	MMBT3904-7-F	621-MMBT3904-F	
1	Q2	BCP51	BCP51,115	771-BCP51115	
2	R1, R2	150	AC0805FR-07150RL	603-AC0805FR-07150RL	
1	R3	37R4	CR0805-FX-37R4ELF	652-CR0805FX-37R4ELF	
2	R4, R7	240, 1%	RC0805FR-07240RL	603-RC0805FR-07240RL	
1	R5	715, 1%	RT0805FRE07715RL	603-RT0805FRE07715RL	
1	R6	2k43, 1%	ERJ-6ENF2431V	667-ERJ-6ENF2431V	
2	R8, R10	1k	1623131-1	279-1623131-1	
1	R9	10k	CRCW080510K0FKEAC	71-CRCW080510K0FKEAC	
1	R11	4k7	AC0805FR-074K7L	603-AC0805FR-074K7L	
1	U1	ADL5536	ADL5536ARKZ-R7	584-ADL5536ARKZ-R7	
1	U2	PHA-202+	PHA-202+	139-PHA-202	
2	U3, U4	LM317_SOT-223	LM317MQDCYR	595-LM317MQDCYR	