

Bill Of Materials

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Design: PEAK POWER BOARD FOR BIRD 43

Doc. no.: AMATEUR RADIO

Revision: 4b Modified: 05/2021 changed type of RV1 & RV3

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QTY	PART-REFS	VALUE	UZ	PACKAGE	Farnell reference
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Resistors					

1	R1	1.4k 1% or better		0.25 W	1563127
1	R2	82k		0.25 W	9339124
3	R3,R7,R8	47k		0.25 W	9339558
2	R4,R9	1.2k		0.25 W	9339124
1	R5	470k		0.25 W	9339566
1	R6	180		0.25 W	9339230
Capacitors					

2	C1,C5	1nF		PITCH 2.54 OR 5.08 mm	1141771
2	C2,C7	22uF		PITCH 2.54 mm	2841830
3	C3,C4,C6	100nF		PITCH 2.54 OR 5.08 mm	1141777
Integrated Circuits					

1	U1	LM258		DIL08	1459512
Transistors					

1	Q1	BC547B		TO92	1574381
Diodes					

1	D1	1N4148		DO35	2889103
Miscellaneous					

1	DZ1	BZX79C	2V4	DO35	1097223
1	DZ2	BZX79C	3V0	DO35	1097230
9	Jx	PIN DIA 1.32 mm			2668702
2	RV1,RV3	2k 12 Turns		CERMET3296W	9353232
1	RV2	100k 1TURN		PT10LV	3128459

Other components: LED, 3PDT switch, battery holder, power connectors etc.. : see components directory