

**Bill of Materials**

Reference	Qty	Part Number	Description	Package	Manufacture
U1	1	RT5047AGSP	Voltage Regulator	SOP-8 (Exposed Pad)	RICHTEK
C1, C2, C3, C4, C5, C6	6		10 $\mu$ F/50V	C-0805	
C8	1		100nF/25V	C-0603	
C9	1		0.1 $\mu$ F/50V	C-0805	
C10	1		NC		
R1, C7	2		NC		
R2	1		NC		
R3, R4, R6, R7	4		4.7k	R-0603	
R5	1		12k	R-0603	
R8	1		4k	R-0603	
L1	1		10 $\mu$ H	L-NR8040_2	
GP1, GP2, GP3	3		GND	SIP-1P-GP	
GP4	1		VIN	SIP-1P-GP	
GP5	1		LNB	SIP-1P-GP	
D1, D2, D3	3		SS14	SS14	
D4	1		SMDJ20A	D-SMC_DO-214_1	
J1	1		TONE	SIP-3P	
J2	1		NC	SIP-3P	
J3	1		SEL	SIP-3P	
J4	1		EN	SIP-3P	
Z1, Z2	2		FK_1	FK_1	
Z3, Z4, Z5, Z6	4		SIP-1P-M	SIP-1P-M	

**More Information**

For more information, please find the related datasheet or application notes from Richtek website <http://www.richtek.com>.

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