

Bill of Materials

Reference	Qty	Part Number	Description	Package	Manufacture
U1	1	RT2810BHGQUF	DC/DC Converter	UQFN-16JL 3x3 (FC)	RICHTEK
C1	1		NA	C-0603	
C3, C4	2	UMK325BJ106MM	10 μ F/50V/X5R/1210	C-1210	TAIYO YUDEN
C5	1	C1608X5R1E105KT000E	1 μ F/25V/X5R/0603	C-0603	TDK
C6, C8, C12	3	C1608X7R1H104KT000N	0.1 μ F/50V/X7R/0603	C-0603	TDK
C7	1	0603B103K500	10nF/50V/X7R/0603	C-0603	WALSIN
C9	1	C3225X5R1E226MT	22 μ F/25V/X5R/1210	C-1210	TDK
C10, C11	2	C3225X5R1E226MT	22 μ F/25V/X5R/1210	C-1210	TDK
L1	1	7443340100	1.0 μ H/17A	8.4 x 7.9 x 7.2mm	Würth Elektronik
L2	1		NA		
R1, R2	2		20k	R-0603	
R6	1		150k	R-0603	
R7	1		80k	R-0603	
R3, R4	1		100k	R-0603	

More Information

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

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