

**Bill of Materials**

Reference	Qty	Part Number	Description	Package	Manufacture
U1	1	RT2853BHGQW	DC/DC Converter	WQFN-16L 3x3	RICHTEK
C2, C6, C8, C12	4	C1608X7R1H104KT000N	0.1μF/50V/X7R	C-0603	TDK
C3, C4	2	GRM31CR71E106KA12L	10μF/25V/X7R	C-1210	MURATA
C5	1	C2012X7R1H105KT	1μF/50V/X7R	C-0805	TDK
C7	1	0603B332K500	3.3nF/50V/X7R	C-0603	WALSIN
C9, C10	2	C3225X5R1E226MT	22μF/25V/X7R	C-1210	TDK
C1, C11, C13, C14, R6, R7	6		NA		
L1	1	NR8040T1R4N	1.4μH/7A	8 x 8 x 4 mm	TAIYO YUDEN
R1	1	0603 JUMP	0Ω	R-0603	WALSIN
R2	1	0603 8K25 1%	8.25k	R-0603	WALSIN
R3	1	0603 22K1 1%	22.1k	R-0603	WALSIN
R4, R5	2	0603 100K 1%	100k	R-0603	WALSIN

**More Information**

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

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