

## Bill of Materials

Reference	Qty	Part number	Description	Package	Manufacture
U1	1	RT7251BZQW	DC-DC Converter	WDFN-8L 2x2	Richtek
C1, C2	2	C3216X5R1H106K160AB	10 $\mu$ F/ $\pm$ 10%/50V/X5R	1206	TDK
			Ceramic Capacitor		
C4, C5	2	GRM32ER61C226KE20#	22 $\mu$ F/ $\pm$ 10%/16V/X5R	1210	Murata
			Ceramic Capacitor		
C7	1	GRM32MR71H103KA01#	10nF/ $\pm$ 10%/50V/X7R	0603	Murata
			Ceramic Capacitor		
C3, C6	2	C1608X7R1H104K080AA	0.1 $\mu$ F/ $\pm$ 10%/50V/X7R	0603	TDK
			Ceramic Capacitor		
C8, C9, C10	0		Not Installed	0603	
L1	1	NR8040T6R8N	6.8 $\mu$ H/3.7A/ $\pm$ 30%, DCR=25m $\Omega$ , Inductor	8mmx8mmx4mm	TAIYO YUDEN
R1	1		47k $\Omega$ / $\pm$ 1%, Resistor	0603	
R2	1		15k $\Omega$ / $\pm$ 1%, Resistor	0603	
R3, R4	1		100k $\Omega$ / $\pm$ 1%, Resistor	0603	
CP1	1		Short		
D3, R6	0		Not Installed		
TP	6		Test Pin		
GP	4		Golden Pin		

## More Information

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

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