

BOM

Reference	Q'ty	P/N	Description	Package	Manufacture
U1	1	RT2872GSP	DC/DC Converter	PSOP-8	Richtek
C1, C2	2	C3216X5R1H106K160AB	10 μ F/ \pm 10%/50V/X5R Ceramic Capacitor	1206	TDK
C4, C5	2	GRM32ER61C226KE20#	22 μ F/ \pm 10%/16V/X5R Ceramic Capacitor	1210	Murata
C7	1	0603B272K500	2.7nF/ \pm 10%/50V/X7R Ceramic Capacitor	0603	WALSIN
C3, C6, C11	3	C1608X7R1H104K080AA	0.1 μ F/ \pm 10%/50V/X7R Ceramic Capacitor	0603	TDK
C8, C9, C12, C13	0		Not Installed	0603	
L1	1	NR8040T4R7N	4.7 μ H/4.1A	8 x 8 x 4.2mm	TAIYO YUDEN
R1	1		75k Ω / \pm 1%, Resistor	0603	
R2	1		24k Ω / \pm 1%, Resistor	0603	
R3	1		13k Ω / \pm 1%, Resistor	0603	
R4	1		100k Ω / \pm 1%, Resistor	0603	
R5, D1, D2	0		Not Installed		
R6, RCAMP	2		0 Ω , Resistor	0603	
RT	1		113k Ω / \pm 1%, Resistor	0603	
TP	4		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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