

Bill of Materials

Reference	Qty	Part number	Description	Package	Manufacture
U1	1	RT7237CHGSP	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	0603B332K500	3.3nF/ \pm 10%/50V/X7R Ceramic Capacitor	0603	WALSIN
C3, C6, C10, C11	4	C1608X7R1H104K080AA	0.1 μ F/ \pm 10%/50V/X7R Ceramic Capacitor	0603	TDK
C8, C9, C12, C13	0		Not Installed	0603	
L1	1	NR8040T6R8N	6.8 μ H/4.0A/ \pm 30%, DCR=25m Ω , Inductor	8mmx8mmx4mm	TAIYO YUDEN
R1	1		75k Ω / \pm 1%, Resistor	0603	
R2	1		24k Ω / \pm 1%, Resistor	0603	
R3	1		17k Ω / \pm 1%, Resistor	0603	
R4	1		100k Ω / \pm 1%, Resistor	0603	
R5	0		Not Installed	0603	
D1, D2	0		Not Installed		
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>.

Important Notice for Richtek Evaluation Board

THIS DOCUMENT IS FOR REFERENCE ONLY, NOTHING CONTAINED IN THIS DOCUMENT SHALL BE CONSTRUED AS RICHTEK'S WARRANTY, EXPRESS OR IMPLIED, UNDER CONTRACT, TORT OR STATUTORY, WITH RESPECT TO THE PRESENTATION HEREIN. IN NO EVENT SHALL RICHTEK BE LIABLE TO BUYER OR USER FOR ANY AND ALL DAMAGES INCLUDING WITHOUT LIMITATION TO DIRECT, INDIRECT, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES.