

Bill of Materials

Reference	Qty	Part number	Description	Package	Manufacture
U1	1	RT7247CHGSP	DC-DC Converter	PSOP-8	Richtek
C1, C2	2	C3216X5R1H106K160AB	10uF/±10%/50V/X5R Ceramic Capacitor	1206	TDK
C4, C5	2	GRM32ER61C226KE20#	22uF/±10%/16V/X5R Ceramic Capacitor	1210	Murata
C7	1	0603B332K500	3.3nF/±10%/50V/X7R Ceramic Capacitor	0603	WALSIN
C3, C6, C10,C11	4	C1608X7R1H104K080AA	0.1uF/±10%/50V/X7R Ceramic Capacitor	0603	TDK
C8,C9,C12,C13	0		Not Installed	0603	
L1	1	NR8040T6R8N	6.8uH/4.0A/±30%, DCR=25mΩ, Inductor	8mmx8mmx4mm	TAIYO YUDEN
R1	1		75kΩ/±1%, Resistor	0603	
R2	1		24kΩ/±1%, Resistor	0603	
R3	1		17kΩ/±1%, Resistor	0603	
R4	1		100kΩ/±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>.

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