

Bill of Materials

Reference	Qty	Part number	Description	Package	Manufacture
U1	1	RT6200GE	DC-DC Converter	SOT-23-6	RICHTEK
C2	1	C3216X5R1H106K160AB	10 μ F/ \pm 10%/50V/X5R Ceramic Capacitor	1206	TDK
C4	1	GRM32ER61C226KE20#	22 μ F/ \pm 10%/16V/X5R Ceramic Capacitor	1210	Murata
C8	1	GRM32MR71H103KA01#	10nF/ \pm 10%/50V/X7R Ceramic Capacitor	0603	Murata
L1	1	NR8040T150M	15 μ H/2.7A/ \pm 20%, DCR=50m Ω , Inductor	8mmx8mmx4mm	TAIYO YUDEN
R1	1		91k Ω / \pm 1%, Resistor	0603	
R2	1		17.4k Ω / \pm 1%, Resistor	0603	
CP1	1		Short		
D1	1	B340A	40V/3A Schottky Diode		Diodes
JP2	1		3-Pin Header		
C1, C3, C5, C6, C7, C9, C10, R4, R5, D2	0		Not Installed	0603	
TP	3	BST, SW, EN	Test Pin		
GP	6	VIN, GND, VOUT, GND, GND, GND	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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