

## Bill of Materials

Reference	Qty	Part number	Description	Package	Manufacture
<b>U1</b>	1	RT7294CGJ6F	DC-DC Converter	TSOT-23-6 (FC)	RICHTEK
<b>C3, C4</b>	2	C3216X5R1H106K160AB	10 $\mu$ F/ $\pm$ 10%/50V/X5R Ceramic Capacitor	1206	TDK
<b>C9, C10</b>	2	GRM32ER61C226KE20#	22 $\mu$ F/ $\pm$ 10%/16V/X5R Ceramic Capacitor	1210	Murata
<b>C6, C8, C12</b>	3	C1608X7R1H104K080AA	0.1 $\mu$ F/ $\pm$ 10%/50V/X7R Ceramic Capacitor	0603	TDK
<b>C1, C11, D2</b>	0		Not Installed	0603	
<b>L1</b>	1	NR8040T2R0N	2.0 $\mu$ H/7.4A/ $\pm$ 30%, DCR=9m $\Omega$ , Inductor	8mmx8mmx4mm	TAIYO YUDEN
<b>R2</b>	1		10k $\Omega$ / $\pm$ 1%, Resistor	0603	
<b>R3</b>	1		10k $\Omega$ / $\pm$ 1%, Resistor	0603	
<b>R5</b>	1		100k $\Omega$ / $\pm$ 1%, Resistor	0603	
<b>CP1</b>	1		Short		
<b>JP2, J5</b>	2		3-Pin Header		
<b>GP</b>	4	EN, B( E), BOOT, SW	Golden Pin		
<b>TP</b>	3	VOUT, GND, VIN	Test Pin		
<b>J3, J6, J7, J8</b>	4	VIN, VOUT, GND, GND	Test 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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