

Bill of Materials

Reference	Qty	Part number	Description	Package	Manufacture
U1	1	RT7285CGJ6	DC-DC Converter	TSOT-23-6 (FC)	RICHTEK
C3, C4	2	C3216X5R1H106K160AB	10 μ F/ \pm 10%/50V/X5R Ceramic Capacitor	1206	TDK
C9, C10	2	GRM32ER61C226KE20#	22 μ F/ \pm 10%/16V/X5R Ceramic Capacitor	1210	Murata
C6, C8, C12	3	C1608X7R1H104K080AA	0.1 μ F/ \pm 10%/50V/X7R Ceramic Capacitor	0603	TDK
C1, C11, D2	0		Not Installed	0603	
L1	1	NR8040T2R0N	2.0 μ H/7.4A/ \pm 30%, DCR=9m Ω , Inductor	8mmx8mmx4mm	TAIYO YUDEN
R2	1		10k Ω / \pm 1%, Resistor	0603	
R3	1		10k Ω / \pm 1%, Resistor	0603	
R5	1		100k Ω / \pm 1%, Resistor	0603	
CP1	1		Short		
JP2, J5	2		3-Pin Header		
GP	4	EN, B(E), BOOT, SW	Golden Pin		
TP	3	Vout, GND, VIN	Test Pin		
J3, J6, J7, J8	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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