

**Bill of Materials**

Reference	Qty	Part Number	Description	Package	Manufacture
U1	1	RT9742AGJ5F	Power Switch with Flag	TSOT-23-5 (FC)	RICHTEK
CIN	1		10 $\mu$ F/10V/X7R/0805	C-0805	
COUT	1		0.1 $\mu$ F/50V/X7R/0805	C-0805	
C1, C2	2		NC		
J1	1		SIP-3P	SIP-3P	
R1	1		10k $\Omega$ /0603	R-0603	
R3	1		100k $\Omega$ /0603	R-0603	
R2	1		NC		
GP1, GP2, GP3, GP4	4		VIN, GND, VOUT, GND (Gold Pin)	SIP-1P	
TP1, TP2, TP3	3		VIN-S, VOUT-S, /FLG (Test Pin)	SIP-1P	

**More Information**

For more information, please find the related datasheet or application notes from Richtek website <http://www.richtek.com>.

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