

**Bill of Materials**

Reference	Qty	Part Number	Description	Package	Manufacture
C1	1	0603X106M6R3	10 $\mu$ F/X5R/6.3V/0603	C-0603	WALSIN
C2, C3	2	C1608X7R1H104KT000N	0.1 $\mu$ F/X7R/50V/0603	C-0603	TDK
C4, C5	2	0603X106M6R3	10 $\mu$ F/X5R/6.3V/0603	C-0603	WALSIN
C6	1	C1608X7R1H104KT000N	0.1 $\mu$ F/X7R/50V/0603	C-0603	TDK
C30	1		NC		
GP1, GP2	2		GND		
J1	1		VIN		
J2	1		VOUT		
L1	1	PIFE25201B-1R0M	1.0 $\mu$ H		Cyntec
R1, R2	2	0603 200K 1%	200k	R-0603	WALSIN
R3, R4	2	0603 100K 1%	100K	R-0603	WALSIN
TP1	1		SW		
TP4	1		PG		
TP5	1		EN		
TP6	1		VOUT		
U1	1	RT8086BGQUF	DC/DC Converter	UQFN-12L 2x2 (FC)	RICHTEK
Z1, Z2, Z3, Z4	4		SIP-1P-M		
Z5, Z6	2		FK_1		

**More Information**

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

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