

**Bill Of Materials**

Reference	Qty	Part Number	Description	Package	Manufacture
C1	1	C1608X7R1H474KT000E	0.47μF	C-0603	TDK
C2, C3	2	C3216X5R1H106KT000N	1μF/50V	C-1210	TDK
C4	1	NC	NC	C-0805	
EC1, EC2	2		NC		
GP1, GP4, GP5	3		GND		
GP2	1		VIN		
GP3, TP11	2		Vout		
GP6	1		VEXT		
M1	1		SUM45N25		
R1	1	2512T-1-R01	10mΩ/RC-1A	R-2512	RALEC
R2	1	0603T-1-102K	102k	R-0603	WALSIN
R3	1	0603 4K99 1%	4.99k	R-0603	WALSIN
R7, R8, R12	3	0603T-1-100K	100k	R-0603	WALSIN
R4, R5, R6, R15, R16	5	NC	NC		
R9, R10, R11, R13, R14	5	0603 JUMP	0	R-0603	WALSIN
TP1	1		TMR		
TP2	1		FB		
TP3	1		GATE		
TP4	1		SNS		
TP5, TP6	2		/SHDN		
TP7	1		/FLT		
TP8	1		EN(PGOOD)		
TP9	1		VCC		
TP10	1		OUT		
TP12, TP13	2	NC	AOUT, IN+		
U1	1	NC	NC	DFN 4x3	
U2	1	RT1720GF	RT1720_MSOP-10	MSOP-10	RICHTEK
Z1, Z2, Z3, Z4	4		SIP-1P-M		

**More Information**

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

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