

**BOM**

Reference	Q'ty	P/N	Description	Package	Manufacture
U1	1	RT2805AGSP	Step-down converter	SOP-8	RICHTEK
C1, C2	2	GRM32ER71H475K	4.7 $\mu$ F/50V/X7R	C-1210	MURATA
C3, C6, C11	3	C1608X7R1H104K080AA	0.1 $\mu$ F/ $\pm$ 10%/50V/X7R	C-0603	TDK
C4, C5	2	GRM32ER61C226KE20	22 $\mu$ F/ $\pm$ 10%/16V/X5R	C-1210	MURATA
C12	1		82pF	C-0603	
L1	1	74437368068	6.8 $\mu$ H, 6A, $\pm$ 20%, DCR = 23.3m $\Omega$	10 x 10 x 3.8mm	WE-LHMI
D1	1	B550C	50V/5A		DIODES
R1, R2, R4	3		100k	R-0402	
C8, R5	2		NC		

**More Information**

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

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