

**Bill Of Materials**

Reference	Q'ty	P/N	Description	Package	Manufacture
C1, C2, C12	3	GRM188R61A106ME69D	10 $\mu$ F/10V/X5R/0603	0603	MURATA
C3	1	GRM188R71H473KA61D	47nF/50V/X7R/0603	0603	MURATA
C4, C5, C6, C13	4	GRM21BR61E226ME44	22 $\mu$ F/25V/X5R/0805	0805	MURATA
C7, C14	2	GRM155R61A104KA01	0.1 $\mu$ F/10V/X5R/0402	0402	MURATA
C8, C10	2	GRM185R61E105KA12	1 $\mu$ F/25V/X5R/0603	0603	MURATA
C11	1	GRM155R61A105KE01	1 $\mu$ F/10V/X5R/0402	0402	MURATA
C15, C17, C18	3	GRM155R71H103KA88	10nF/50V/X7R/0402	0402	MURATA
C16	1	GRM1555C1H102JA01	1nF/50V/COG/0402	0402	MURATA
R1	1	RBL06FTR010	10m	0603	TA-I
R2, R5, R6, R10	4	RM04FTN1002	10K/1%/0402	0402	TA-I
R3	1	RM04FTN4700	470/1%/0402	0402	TA-I
R4	1	RM04FTN2001	2K/1%/0402	0402	TA-I
R7	1		2/1%/0805	0805	TA-I
R9	1	RM06FTN1002	10K (NTC)	0805	TA-I
R11, R13, R15, R16, R17	5	RM04FTN1000	100/1%/0402	0402	TA-I
R12, R21, R26	3		Short	0402	
R19	1	RM04FTN1004	1M/1%/0402	0402	TA-I
JP3	1	UAF-042RGPW1-CF071	Two port USB		Cherng-Weei
USB2	1	UMMBF-051MGCB7-CF1066	Micro USB		Cherng-Weei
D1, D2, D3, D4	4	LNL-190UW-4H	LED	0603	LIGHTOP
L1	1	SPM6530T-1R0M	1 $\mu$ H	7.1x6.5x3.0	TDK
SW1	1	SW- HTS-5506S	SW KEY		Hightronics
U1	1	RT9481	CHIP	WQFN-24L 4x4	RICHTEK
U2	1	S8261	Battery Protection IC	SOT-23-6	SEIKO
U3, U4	2	Si7102DN	NMOS	PowerPAK <sup>®</sup> 1212-8	VISHAY
U5	1	MC97F1204S	MCU	16 TSOP	ABOV

**More Information**

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

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