

Bill of Materials

Reference	Q'ty	P/N	Description	Package	Manufacture
U7	1	RT9480	E2U Power Bank Solution	WQFN-24L 4x4	RICHTEK
U9	1	S-8261ACKMD-G4KT2x	Battery Protection IC	SOT-23-6	SEIKO
U10, U11	2	SIS438DN	NMOS	SIS438DN	VISHAY
C1, C3, C7	3	EMK212ABJ106KD-T	10 μ F/16V/X5R	C-0805	TAIYO
C2, C6, C8	3	EMK212B7105KD-T	1 μ F/16V/X7R	C-0805	TAIYO
C4, C5	2	LMK212BBJ226MD-T	22 μ F/10V/X5R	C-0805	TAIYO
C10	1	UMR107B7104KA-T	0.1 μ F/50V/X7R	C-0603	TAIYO
L1	1	LVS505040-1R0-N	Power Inductor	L-NR8040	CHILISIN
R1	1	RM06FTN1002	10K/0603/1%	R-0603	TA-I
R7, R8	2	RM04FTN4992	49.9K/0402/1%	R-0402	TA-I
R9	1	RM04FTN4700	470/0402/1%	R-0402	TA-I
R10	1	RM04FTN2001	2K/0402/1%	R-0402	TA-I
D1, D2, D3, D4	4		SMD LED	D-0603	
SW1	1	SW KEY-YM061	Switch		
USB2	1		USB-MICRO	USB-MICRO	
JP3	1		USB PortX2	USB-A	

More Information

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

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