

Bill of Materials

Reference	Qty	Part Number	Description	Package	Manufacturer
C9, C11	2	GRM188R61E475KE11	4.7μF/25V/X5R	0603	muRata
C12	1	GRM155R60J475ME47	4.7μF/6.3V/X5R	0402	muRata
C13	1	GRM033R61C473KE84	47nF/16V/X5R	0201	muRata
C14, C16, C28	3	GRM185R60J106ME15	10μF/6.3V/X5R	0603	muRata
C24	1	GRM155R61E225KE11	2.2μF/25V/X5R	0402	muRata
L1	1	DFE252012F-1R0M	1μH	2.5x2.0mm	muRata
Q1	1	DMT2004UFD	NMOS	2x2x0.6mm	DIODES
U2	1	RT9468GQW	Switching Charger	WQFN-32L 4x4	Richtek
R1	1	WR06X5231FTL	5.23k/0603	1206	WELLCOMP TECHNOLOGY
R2, R13	2	WR06X1002FTL	10k/0603	0603	WALSIN
R3, R6, R12, R16, R18, R19, R20, R29, R36	9	WR06X1300FTL	130/0603	0603	WALSIN
R7	1	WR06X4701FTL	4.7k/0603	0603	WALSIN
R8	1	WR06X3012FTL	30.1k/0603	0603	WALSIN
R11, R17	2	WR06X7680FTL	768/0603	0603	WALSIN
R14	1	WR06X5231FTL	5.23k/0603	0603	WALSIN
R35, R37	2	WR06X5101FTL	5.1k/0603	0603	WALSIN
R38, R39	2	WR06X000 PTL	0/0603	0603	WALSIN
USB1	1		SIP-5P	USB-MICRO-TC U-S60M	
USB3	1	121U-3CST-09CR	USB TYPE-C 3.1	9.87x9.75mm	JEM (建舜電子)

More Information

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

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