

Bill of Materials

Reference	Count	Part Number	Value	Description	Package	Manufacturer
U1	1	RTQ5756AWSC-00	2+1+1 configuration	Buck Converter	WL-CSP-54B 2.69x3.92 (BSC)	RICHTEK
C1, C2, C3	3	GRM31CE70J476ME15L	47μF	Capacitor, Ceramic, 6.3V, X7U	1206	MURATA
C4,C6,C8,C10	4	GRM188D70J106MA73D	10μF	Capacitor, Ceramic, 6.3V, X7T	0603	MURATA
C5,C7,C9,C11,C 16,C21,C26,C31	8	0402B104K500CT	0.1μF	Capacitor, Ceramic, 50V, X7R	0402	WALSIN
C12,C13,C17, C18,C22,C23, C27,C28	8	GRM188C80G226ME15D	22μF	Capacitor, Ceramic, 4V, X6S	0603	MURATA
C32,C33	2	GRM155C71C105KE11D	1μF	Capacitor, Ceramic, 16V, X7S	0402	MURATA
L1,L2,L3,L4	4	HMMQ25201B-R22MSR	0.22μH	Inductor, Isat=7.7A, DCR=8mΩ	2.5x2.0x1.2 mm ³	CYNTEC
R1,R2,R3,R5,R6 ,R8,R10,R11, R12,R15,R16	11	WR06X000 PTL	0	Resistor, Chip, 1/10W	0603	WALSIN
R13,R14,R22	3	WR06X1002FTL	10k	Resistor, Chip, 1/10W, 1%	0603	WALSIN
R21	1	WR06X1001FTL	1k	Resistor, Chip, 1/10W, 1%	0603	WALSIN

More Information

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

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