

Bill of Materials

Reference	Qty	Part Number	Description	Package	Manufacture
U1	1	RT7273GQW	DC/DC Converter	WQFN-40L 6x6	RICHTEK
C1, C2, C3, C4, C5, C6, C25, C28, C29	9	0603B472K500	4.7nF/50V/X7R	C0603	WALSIN
C7, C24, C31	3	C1608X7R1H104KT000N	0.1μF/50V/X7R	C0603	TDK
C9, C10, C17, C26, C30	5	GRM31CR71E106KA12L	10μF/25V/X7R	C-1206	muRata
C11, C12, C16, C18, C21, C22, C23	7	GRM32ER61C226KE20L	22μF/16V/X5R	C-1210	muRata
C13, C15, C32	3	0603B471K200	470pF/50V/X7R	C0603	WALSIN
C14, C19, C20	3		NC	C0603	
C27	1	C2012X5R1A335KT000N	3.3μF/10V/X5R	C-0805	TDK
L1, L2, L3	3	NR8040T4R7N	4.7μH/4.1A	8 x 8 x 4 mm	TAIYO YUDEN
R1	1		51k	R-0603	
R3, R5, R17	3		20k	R-0603	
R4	1		82k	R-0603	
R7	1		383k	R-0603	
R9, R11, R20	3		40.2k	R-0603	
R12	1		80.8k	R-0603	
R13	1		12.7k	R-0603	
R15	1		32.4k	R-0603	
R16	1		75k	R-0603	
R18	1		100k	R-0603	
R1	1		51k	R-0603	
R3, R5, R17	3		20k	R-0603	

More Information

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

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