

Bill of Materials

Reference	Qty	Part Number	Description	Package	Manufacture
C1, D1, L2	3		NC		
C3, C4	2	UMK325BJ106MM-T	10 μ F/50V/X5R	C-1210	TAIYO YUDEN
C5	1	C1608X5R1E105KT000E	1 μ F/25V/X5R	C-0603	TDK
C6, C8, C12	3	C1608X7R1E104KT000N	0.1 μ F/50V/X7R	C-0603	TDK
C7	1	C1608X7R1E104KT000N	3.9nF/50V/X7R	C-0603	TDK
C9, C10, C11	3	C3225X5R1E226MT	22 μ F/25V/X5R	C-1210	TDK
J1	1	VIN	Golden pin		
J2, J6	2	GND	Golden pin		
J3	1	VOUT	Golden pin		
L1	1	SPM6530T-1R0M120	Inductor, SMT, 1 μ H, 13A, 7.81m Ω	L-SPM6530	TDK
		74437368010	Inductor, SMT, 1 μ H/14.5A/3m Ω	L-SPM6530	WE
R2	1		17k	R-0603	
R3	1		24k	R-0603	
R4, R5	2		100k	R-0603	
CP1	1		short		
U1	1	RT6236AHGQUF	DC/DC Converter	UQFN-13JL 2x3 (FC)	RICHTEK

More Information

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

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