

Bill of Materials

Reference	Qty	Part Number	Description	Package	Manufacturer
U1	1	RT6278BHGQUF	DC-DC Converter	UQFN-12HL 3x3	RICHTEK
C3	1	C1608X5R0J475KT	4.7 μ F/6.3V/0603	C-0603	TDK
C4	1	C1608X5R1E105KT000E	1 μ F/25V/X5R/0603	C-0603	TDK
C6, C9, C15, C16	4	C1608X7R1H104KT000N	0.1 μ F/50V/X7R/0603	C-0603	TDK
C7	1	0603N680J500	68pF/50V/NPO/0603	C-0603	WALSIN
C8, C10	2	UMK325BJ106MM	10 μ F/50V/X5R/1210	C-1210	TAIYO YUDEN
C11, C12	2	C3225X5R1E226MT	22 μ F/25V/X5R/1210	C-1210	TDK
L1	1	7447714015	1.5 μ H	L-NR8040_2	WE
R3, R19	2	WR06X1003FTL	100k/0603	R-0603	WALSIN
R4	1	RTT039092FTP	90.9k/0603	R-0603	WALSIN
R5	1	WR06X2002FTL	20k/0603	R-0603	WALSIN
R11	1	WR06X3602FTL	36k/0603	R-0603	WALSIN
R12, R15	2	WR06X000PTL	0R/0603	R-0603	WALSIN
R16	1	WR06X7502FTL	75k/0603	R-0603	WALSIN
R18	1	WR06X1002FTL	10k/0603	R-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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