

Bill of Materials

VIN = 12V, VOUT = LED Load Board, IOUT = 60mA						
Reference	Count	Part Number	Value	Description	Package	Manufacturer
U1	1	RT8511BGQW	RT8511BGQW	LED Driver	WDFN-8L 2x2	RICHTEK
C2, C3	2	0603X105K250CT	1 μ F	Capacitor, Ceramic 25V/X5R	0603	WALSIN
C4, C5	2	0603B104K500CT	1 μ F	Capacitor, Ceramic 50V/X7R	1206	WALSN
C6	1	UMK316BJ225KD-T	2.2 μ F	Capacitor, Ceramic 50V/X5R	1206	TAIYO YUDEN
D1	1	SR26	60V/2A	D-SMA_DO-214AC	SMA/DO- 214AC	PANJIT
L1	1	LSXNH8080YKL100MJG	10 μ H	L-8x8		TAIYO YUDEN
R1	1	WR06X1003FTL	100k	Resistor, Chip 0603	0603	WALSIN
R2, R5, R6	3	WR06X1003FTL	0	Resistor, Chip 0603	0603	WALSIN
R3	1	WR06W3304FTL	3.3M	Resistor, Chip 0603	0603	WALSIN
R4	1	WR06W3R30FTL	3.3	Resistor, Chip 0603	0603	WALSIN

More Information

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

Important Notice for Richtek Evaluation Board

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