

Bill of Materials

VIN = 12V, VOUT = 5.0V, IOUT = 0.5A, fsw = 500kHz						
Reference	Count	Part Number	Value	Description	Package	Manufacturer
U1	1	RTQ2569GQW-50GQW-QA	RTQ2569-QA	LDO	WDFN-8L 3x3	RICHTEK
C1	1	0805B105K500CT	1 μ F	Capacitor, Ceramic, 50V, X7R	0805	WALSN
C2	1	GRM188R61C225KE15D	2.2 μ F	Capacitor, Ceramic, 16V, X7R	0603	MURATA
R3	1	WR06X1003FTL	100k	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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