

## Bill of Materials

VIN = 2.2V to 6V, VOUT = 0.8V to 5.5V, IOUT = 1A						
Reference	Count	Part Number	Value	Description	Package	Manufacturer
U1	1	RTQ2516GSP-QT	RTQ2516GSP-QT	LDO	SOP-8	RICHTEK
C1, C3	2	GCJ32EC71H106MA01	10 $\mu$ F	Capacitor, Ceramic, 50V, X7S	1210	MURATA
C2, C3, C4	3	GRM188R71H104KA93D	0.1 $\mu$ F	Capacitor, Ceramic, 50V, X7R	0603	MURATA
C5	1	0603B103K500CT	10nF	Capacitor, Ceramic, 50V, X7R	0603	WALSIN
R1	1	WR06X3002FTL	30k	Resistor, Chip	0603	WALSIN
R2	1	WR06X7501FTL	7.5k	Resistor, Chip	0603	WALSIN
R3	1	WR06X1002FTL	10k	Resistor, Chip	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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