

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	RTQ2510GQV-QA(2)	RTQ2510GQV-QA(2)	LDO	VDFN-8L 3x3	RICHTEK
C2	1	1206B105K500CT	1 μ F	Capacitor, Ceramic, 50V, X7R	1206	WALSIN
C3, C6, CEN1	3	0603B104K500CT	0.1 μ F	Capacitor, Ceramic, 50V, X7R	0603	WALSIN
C4	1	GRM31CR71H475KA12L	4.7 μ F	Capacitor, Ceramic, 50V, X7R	1206	TAIYO YUDEN
CNR1	1	0603B103K500CT	10nF	Capacitor, Ceramic, 50V, X7R	0603	WALSIN
R1	1	CR0603F30K9P05	30.9k	Resistor, Chip	0603	EVER OHMS
R2	1	WR06X1002FTL	10k	Resistor, Chip	0603	WALSIN
REN1	1	WR06X1003FTL	100k	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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