

## Bill of Materials

$V_{IN} = 2.2V$ to $6V$ , $V_{OUT} = 0.8V$ to $5.5V$ , $I_{OUT} = 1A$						
Reference	Count	Part Number	Value	Description	Package	Manufacturer
U1	1	RT2519GQV(2)	RT2519	LDO	VDFN-8AL 3x3	RICHTEK
C2	1	1206B105K500CT	1 $\mu$ F	Capacitor, ceramic, 50V, X7R	1206	WALSIN
C4	1	UMK316AB7475KL-T	4.7 $\mu$ F	Capacitor, ceramic, 50V, X7R	1206	TAIYO YUDEN
		GRM219R60J475KE19	4.7 $\mu$ F	Capacitor, ceramic, 6.3V, X5R	0805	MURATA
CNR	1	0603B103K500CT	10nF	Capacitor, ceramic, 50V, X7R	0603	WALSIN
R1	1	RTT033092FTP	30.9k	Resistor, Chip	0603	RALEC
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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