

## Bill of Materials

VIN = 5V, VOUT = 5V, IOUT = 0.5A						
Reference	Count	Part Number	Value	Description	Package	Manufacturer
U1	1	RTQ9728WGQW(2)	RTQ9728WGQW(2)	Switches	WDFN-6SL 2x2	RICHTEK
CIN	1	GRM21BR71A106KE51L	10μF	Capacitor, Ceramic, 10V, X7R	0805	MURATA
COUT	1	0805X226M250CT	22μF	Capacitor, Ceramic, 25V, X5R	0805	WALSIN
R1, R3	2	WR06X1003FTL	100kΩ	Resistor, Chip, 1/10W, 1%	0603	WALSIN
R2	1	WR06X1302FTL	13kΩ	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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