

Bill of Materials

VIN = 12V, VS = 3.3V, IOUT = 0.5A						
Reference	Count	Part Number	Value	Description	Package	Manufacturer
U1	1	RTQ6053GQV	RTQ6053GQV	16-Bit ADC Op Amp	VQFN-16L 3x3	RICHTEK
C1, C2, C5, C6	4	0603B104K500CT	0.1μF	Capacitor, Ceramic, 50V/X7R	0603	WALSIN
C3	1	GRM21BC71E106KE11L	NC		0805	MURATA
C4	1	1206X106K500CT	NC		1206	TDK
R1, R2	2	WR06X000 PTL	0	Resistor	0603	WALSIN
R3, R4, R5	3	WR06X1002FTL	10k	Resistor	0603	WALSIN
RSEN1	1	RTT25R100FTE	0.1	Resistor	2512	RALEC

More Information

For more information, please find the related datasheet or application notes from Richtek website <http://www.richtek.com>.

Important Notice for Richtek Evaluation Board

THIS DOCUMENT IS FOR REFERENCE ONLY, NOTHING CONTAINED IN THIS DOCUMENT SHALL BE CONSTRUED AS RICHTEK'S WARRANTY, EXPRESS OR IMPLIED, UNDER CONTRACT, TORT OR STATUTORY, WITH RESPECT TO THE PRESENTATION HEREIN. IN NO EVENT SHALL RICHTEK BE LIABLE TO BUYER OR USER FOR ANY AND ALL DAMAGES INCLUDING WITHOUT LIMITATION TO DIRECT, INDIRECT, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES.