

Bill of Materials

Reference	Qty	Part Number	Description	Package	Manufacture
U1	1	RT2856GQW	DC/DC Converter	WQFN-14AL 3.5x3.5	RICHTEK
R1	1	0603 75K0 1%	75kΩ	0603	WALSIN
R2	1	0603 24K0 1%	24kΩ	0603	WALSIN
RCOMP1	1	0603 2K40 1%	2.4kΩ	0603	WALSIN
RT, RPG1, REN1	3	0603 100K 1%	100kΩ	0603	WALSIN
C1, C2	2	UMK325BJ106MM-T	10μF/50V/X7R	1206	TAIYO YUDEN
C4	1	GRM31CR71H475KA12L	4.7μF/50V/X7R	1206	muRata
C5, C6	2	C3225X5R1E226MT	22μF/25V/X7R	1210	TDK
CCOMP1	1	0603B822K500CT	8.2nF/50V/X7R	0603	WALSIN
CCOMP2	1	0603N181J500LT	180pF/50V/X7R	0603	WALSIN
CSS	1	0603B103K500	10nF/50V/X7R	0603	WALSIN
C3, C7, CBOOT	3	C1608X7R1H104KT000N	0.1μF/50V/X7R	0603	TDK
L1	1		3.7μH		
CFF, C2F, CEN, REN2, RTR1, RTR2, RPG2, D2	8		N/A		

More Information

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

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