

Bill of Materials

Reference	Count	Part Number	Description	Package	Manufacturer
U1	1	RTQ2118AGQVT-QA	USB Type-C and Power Delivery	WETD-VQFN-32L 5x5	RICHTEK
C1, C2	2	GRM31CR61H106KA12L	10µF/50V/X7R	1210	Murata
C3, C8, CBOOT	3	C1608X7R1H104K080AA	100nF/50V/X7R	0603	TDK
C5, C6	2	CL31A226KAHNNE	22µF/25V/X5R	1210	SAMSUNG
CVCC	1	C2012X7R1A106K125AC	1µF/10V/X7R	0805	TDK
CSS	1	C1608X7R1H103K080AA	10nF/50V/X7R	0603	TDK
CCOMP1	1	0603B472K500CT	4.7nF/50V/X7R	0603	WALSIN
L1	1	1217AS-H_2R2N=P3	2.2µH/9.3A (Maximum)	8.0x8.0x4.5mm	Murata
J1	1	UAF-041RGPB-CF1066	USB Type-A	USB-4P-DIP-AL	Cherng Weei
R0, RBOOT	2	WR06X000 PTL	0	0603	WALSIN
R1	1	RTT031053FTP	105k	0603	RALEC
R2	1	RTT032002FTP	20k	0603	RALEC
R21	1	WR08X2000FTL	200	0805	WALSIN
R46, R47	2	RTT031001FTP	1k	0603	RALEC
R55	1	WR06X1002FTL	10k	0603	WALSIN
R56, REN, RMODE/ SYNC, RPG	4	WR06X1003FTL	100k	0603	WALSIN
R210	1	WR04X000 PTL	0	0402	WALSIN
RCS1, RCS2	2	TGL120610FR060P05Z	0.06	1206	EVER OHMS
RCS3	1	RTT062R00FTP	short	1206	RALEC
RRLIM	1	RTT033302FTP	33k	0603	RALEC
RRT	1	WR06X2202FTL	22k	0603	WALSIN
RCOMP	1	RTT037681FTP	7.68k	0603	RALEC
USB3	1	UP2-AH-1-T	USB Type-A	12.75x18.75x5.52mm	CUI Devices

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.