

Bill of Materials

Reference	Count	Part Number	Description	Package	Manufacturer
AVCC, AVSS, DVSS	3	WR08X000PTL	0/0805	0805	WALSIN
C1, C7, C16, C22	4	0603B474K500CT	0.47 μ F/50V/X7R/0603	0805	WALSIN
C3, C11, C13, C21	4	0603B474K500CT	0.47 μ F/50V/X7R/0603	0603	WALSIN
C8, C14, CB3, CB6, CT2, CT9	6	0603B104K500CT	0.1 μ F/50V/X7R/0603	0603	WALSIN
C9, C15, C23	3	0603X105K250CT	1 μ F/25V/X5R/0603	0603	WALSIN
CB1	1	0805B105K500CT	1 μ F/50V/X7R/0805	0805	WALSIN
CB4, CB7, CT1, CT8	4	0603B102K500CT	1nF/50V/X7R/0603	0603	WALSIN
CB5, CT3, CT4, CT10, CT11	5	GRM32ER71H106KA12L	10 μ F/50V/X7R/1210	1210	MURATA
CN3, CN4	2	ED555_2DS	ED555_2DS	7.0x6.5mm	On Shore Technology Inc.
CT15	1	GRM32ER71H106KA12L	10 μ F/50V/X7R/1210	1210	MURATA
EC2	1	35ZLH390MEFC8X20	390 μ F/35V	Radial	RUBYCON
GP2	1	GOLD PIN	OUT_PL		BO-JIANG
GP3	1	GOLD PIN	OUT_NL		BO-JIANG
GP4	1	GOLD PIN	OUT_NR		BO-JIANG
GP5	1	GOLD PIN	OUT_PR		BO-JIANG
GP6	1	GOLD PIN	3.3V/1.8V		BO-JIANG
GP7	1	GOLD PIN	PVDD		BO-JIANG
GP10, GP11, GP13	3	GOLD PIN	PVSS		BO-JIANG
J2	1		HEADER3X2	HEADER3X2	Cherng Weei
J9	1	3111	PVDD	Binding Post, Medium	DA KOANG CO.,LTD.
J10	1	3111	PVSS	Binding Post, Medium	DA KOANG CO.,LTD.
JP1	1		HEADER12X2		Cherng Weei
JP2	1		HEADER5X2		Cherng Weei
JP3	1		SIP-5P		Cherng Weei
JP4, JP5	2		SIP-2P		Cherng Weei
JP6	1		GPIO 0		Cherng Weei
JP7	1		PWDNB		Cherng Weei
JP8	1		FAULTB		Cherng Weei
JP9	1		A_SEL		Cherng Weei
JP10	1		GPIO 1		Cherng Weei

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JP11	1		MUTE_N		Cheng Weei
L2, L4, L6, L8	4	7443321000	10μH		Würth Elektronik
R12, R15, R23	3	WR06X000 PTL	0/0603	0603	WALSIN
R13	1	WR06X1002FTL	10k/0603	0603	WALSIN
TP9	1		GVDD		PINGOOD
TP10	1		FAULTB		PINGOOD
TP11	1		VR_DIG		PINGOOD
TP12	1		VRANA		PINGOOD
U1	1	RT9120SGQV	RT9120SGQV	VQFN-32L 5x5	RICHTEK
Z1, Z2, Z3, Z4	4		FK_1		
Z5, Z6, Z7, Z8	4	TCK-17	SIP-1P-M		PG

More Information

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

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