

Bill of Materials

Reference	Q'ty	Part Number	Description	Package	Manufacture
C3, C4	2	C1608X5R0J475KT000N	4.7 μ F/6.3V/0603/X5R	0603	TDK
L1	1	7443340100	1 μ H for RT7238D 2.2 μ H for RT7238B/C	8 x 8 x 7.5 mm	GOTREND
C6, C9	2	C1608X7R1H104KT000N	0.1 μ F/50V/0603/X5R	0603	TDK
C8, C10	2	GRM31CR61A226KE19L	22 μ F/25V/1206/X5R	1206	muRata
C11, C12, C13, C14	4	C3225X5R1E226MT	22 μ F/25V/1210/X5R	1210	TDK
BYP/EN2/VCC	1	Gold PIN	Gold PIN	Gold PIN	Gold PIN
LDO/VCC/LDO	1	Gold PIN	Gold PIN	Gold PIN	Gold PIN
J1, J2, J3, J4	4	Connector	Connector	Connector	Connector
GND	2	Gold PIN	Gold PIN	Gold PIN	Gold PIN
JP1 ,JP2, J6	3	Jumper	Jumper	Jumper	Jumper
R1, R2, R8, R10, R12, R15, R16	7	Shorted	Shorted	Shorted	Shorted
R3, R7	2	0603 100K 1%	100k Ω /0603/1%	0603	WALSIN
R6, R13	2	0603 360K 1%	1m Ω /0603/1%	0603	WALSIN
R4	1	0603 15K0 1%	Shorted for RT7238B/C 15k Ω /0603/1% for RT7238D (VOUT 1.05V)	0603	WALSIN
R5	1	0603 20K0 1%	20k Ω /0603/1%	0603	WALSIN
SW1	1	SWITCHES	SWITCHES	SWITCHES	SWITCHES
EN1/EN/EN, PG, FB/FB/ILMIT, BS, LX	5	Test PIN	Test PIN	Test PIN	Test PIN
U1	1	RT7238B/C/D	RT7238B/C/D	UQFN-10L 3x3 (FC)	RICHTEK

More Information

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

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