BOM - WLANThermo Cube

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Kennung	Bauteilbezeichnung	Anmerkung	Größe	Menge	Händler	enthalten in
IC1	MT3608	DC-DC-Converter	SOT 23-6	1	ALI	Cuboid-Bauteil-Kit
IC2	TLV271CDBVR	Rail-to-Rail Operational Amplifier	SOT 23-5	1	Mouser	Mouser-Warenkorb
C1	GRM219R61C226ME15L	22uF, 16V, 20%, X5R	SMD 0805	1	Mouser	Mouser-Warenkorb
C2	GRT31CR61E226KE01L	22uF, 25V	SMD 1206	1	Mouser	Mouser-Warenkorb
C3 - C4	GCM188R91E104KA37D	100nF, 50V, X7R	SMD 0603	2	Mouser	Mouser-Warenkorb
C5	GCD188R71H102KA01D	1nF, 50V, X7R	SMD 0603	1	Mouser	Mouser-Warenkorb
R1	RC0603DR-0747KL	47K, 0.5%, 100 ppm/K	SMD 0603	1	Mouser	Mouser-Warenkorb
R2	CRCW06032K32FKEAC	2.32K, 1%, 100 ppm/K	SMD 0603	1	Mouser	Mouser-Warenkorb
R3 / R8	AC0603FR-1010KL	10K, 1%, 100 ppm/K	SMD 0603	2	Mouser	Mouser-Warenkorb
R4	AC0603JR-070RL	0R	SMD 0603	1	Mouser	Mouser-Warenkorb
R5	RC0603FR-13100KL	100K, 1%	SMD 0603	1	Mouser	Mouser-Warenkorb
R6 / R9	AC0603FR-072KL	2K, 1%, 100 ppm/K	SMD 0603	2	Mouser	Mouser-Warenkorb
R7	CRCW06033K48FKEAC	3.48K, 1%, 100ppm/K, (PROG)	SMD 0603	1	Mouser	Mouser-Warenkorb
F1	0ZCJ0150FF2C	Resetable Fuse, IH 1.5A, IT 3.0A, 6V	SMD 1206	1	Mouser	Mouser-Warenkorb
F2	0ZCJ0050AF2E	Resetable Fuse, IH 0.5A, IT 1.0A, 24V	SMD 1206	1	Mouser	Mouser-Warenkorb
T1	2SC3303	Transistoren NPN	TO-252-3	1	reichelt / ALI	Cuboid-Bauteil-Kit
D1 / D2	PMEG4030ER/8X	Schottky Rectifiers, If 3A	SOD-123-2	2	Mouser	Mouser-Warenkorb
D3	APT1608QBC/D	SMD LED BLUE	SMD 0603	1	Mouser	Mouser-Warenkorb
L1	SRN6045TA-220M	22uH, 2.3A	SMD 6x6x4.	1	Mouser	Mouser-Warenkorb

K1	10118192-0001LF	Micro-USB Connector	SMD	1 Mouser	Mouser-Warenkorb
K2 / K4	DC031A	DAC Connector	SMD	2 ALI	Cuboid-Bauteil-Kit
K2* / K4*	171-PA35135-1-E	3.5x 1.3 mm Stecker	---	2 Mouser	Mouser-Warenkorb
K3	RT5MPR	Mini (Tiny) XLR	TH	1 Mouser / reichelt	optional
K3*	RT5FC-B	Mini (Tiny) XLR Stecker	---	1 Mouser / reichelt	optional
M1	Schrauben	M2x10 Zylinderkopfschraube DIN 84	---	4 Ebay	Cuboid-Bauteil-Kit
M2	Verbindungkabel	2 Adern, Verbindung Nano zu Cubiod	---	1 reichelt	---
M3	Scheibenmagnet	20x1 mm	---	1 MTS	Cuboid-Bauteil-Kit
P1	Platine	0,8 mm Platinendicke	---	1 github	Cuboid-Bauteil-Kit
G1	Gehäuse		---	1 thingiverse	---
U1	HK 21	DC-Kupplung 5,5x2,1 mm Hohlstecker	---	1 reichelt	optional
U2	HK 25	DC-Kupplung 5,5x2,5 mm Hohlstecker	---	1 reichelt	optional