

Comment	Description	Designator	Footprint	LibRef	Quantity	MPN	Price per	Price	Lieferant
0.1uF		C1, C18, C24, C26, C35, C37, C38, C39, C40	CAP0402	CAP_0402	9	CL05A104KA5NNNC	CHF 0.0090	CHF 0.08	Digikey
22uF		C19, C27, C28, C29	0805	000095	4	GMC21X5R226M16NT	CHF 0.1400	CHF 0.56	Digikey
4.7uF		C20, C21, C22, C23, C36	0805	000090	5	CL21A475KAQNNNE	CHF 0.0900	CHF 0.45	Digikey
1uF		C25, C32, C33, C34	CAP0402	CAP_0402	4	CL05A105KO5NNNC	CHF 0.0900	CHF 0.36	Digikey
DNP		C30	CAP0402	CAP_0402	0			CHF -	Digikey
4.7nF		C31	CAP0402	CAP_0402	1	C0402C472K5RECAUTO	CHF 0.1000	CHF 0.10	Digikey
QBLP601-R		D1, D2, D3, D4, D5	LED0603	QBLP601-R	5	QBLP601-R	CHF 0.2700	CHF 1.35	Digikey
DRV8210DSG		IC1, IC2, IC3, IC4	WSON8(DRV8210)	DRV8210DSG	4	DRV8210DSG	CHF 0.5300	CHF 2.12	Digikey
MCP73831T-XX/OT		IC10	SOT23-5(MCP73831)	MCP73831	1	MCP73831T-2DCI/OT	CHF 0.6600	CHF 0.66	Digikey
IS31FL3296		IC11	QFN12-2X2(IS31FL3296)	IS31FL3296	1	IS31FL3296-QFLS4-TR	CHF 0.9600	CHF 0.96	Digikey
Proteus-III		IC5	WIRL-BTLE	Proteus-III	1	2611011024000	CHF 14.9600	CHF 14.96	Digikey
PIC16F18056		IC6	QFN28_4X4(PIC16F18056)	PIC16F18056	1	PIC16F18056-I/STX	CHF 1.0100	CHF 1.01	Digikey
TPS63001		IC7	VSON10(TPS63001)	TPS63001	1	TPS63001DRCR	CHF 2.1100	CHF 2.11	Digikey
TPS61089RNR		IC8	VQFN12_HOTROD(TPS61089)	TPS61089	1	TPS61089RNR	CHF 2.3000	CHF 2.30	Digikey
CH343P		IC9	QFN16_3X3	CH343P	1	CH343P	CHF 0.8000	CHF 0.80	LCSC
LQH3NPN2R2MJRL		L4, L5	INDP3030X02N	LQH3NPN2R2MJRL	2	LQH3NPN2R2MJRL	CHF 0.3100	CHF 0.62	Digikey
10K		R1, R3, R35, R36	RES0402	RES_0402	4	RC0402FR-0710KL	CHF 0.0900	CHF 0.36	Digikey
301K		R14	RES0402	RES_0402	1	RC0402FR-07301KL	CHF 0.0900	CHF 0.09	Digikey
330K		R15, R37, R38	RES0402	RES_0402	3	RC0402FR-07330KL	CHF 0.0900	CHF 0.27	Digikey
2K7		R16	RES0402	RES_0402	1	RC0402FR-072K7L	CHF 0.0900	CHF 0.09	Digikey
17.4K		R17	RES0402	RES_0402	1	RC0402FR-0717K4L	CHF 0.0900	CHF 0.09	Digikey
82K		R18	RES0402	RES_0402	1	RC0402FR-0782KL	CHF 0.0900	CHF 0.09	Digikey
127K		R19	RES0402	RES_0402	1	RC0402FR-07127KL	CHF 0.0900	CHF 0.09	Digikey
22K		R2, R8, R20	RES0402	RES_0402	3	RC0402FR-0722KL	CHF 0.0900	CHF 0.27	Digikey
5K1		R21, R22	0603	000053	2	RC0603FR-075K1L	CHF 0.0900	CHF 0.18	Digikey
2K2		R26	RES0402	RES_0402	1	RC0402FR-072K2L	CHF 0.0900	CHF 0.09	Digikey
4K7		R33, R34	RES0402	RES_0402	2	RC0402FR-074K7L	CHF 0.0900	CHF 0.18	Digikey
100E		R4, R11	RES0402	RES_0402	2	RC0402FR-07100RL	CHF 0.0900	CHF 0.18	Digikey
0E		R5, R6, R9, R10, R12, R13, R23, R24, R28, R29, R30, R31	RES0402	RES_0402	12	RC0402FR-070RL	CHF 0.0100	CHF 0.12	Digikey
560E		R7, R25, R27, R32	RES0402	RES_0402	4	RC0402FR-07560RL	CHF 0.0900	CHF 0.36	Digikey
JS202011JCQN		S1	JS202011JCQN	JS202011JCQN	1	JS202011JCQN	CHF 0.8100	CHF 0.81	Digikey
IRLML2244TRPbF		TR1, TR2, TR3	SOT23(IRLML2244T)	IRLML2244TRPbF	3	IRLML2244TRPbF	CHF 0.4200	CHF 1.26	Digikey
BM02B-SRSS-TB		X1, X2, X3, X4, X6	BM02B-SRSS-TB	BM02B-SRSS-TB	5	BM02B-SRSS-TB	CHF 0.3900	CHF 1.95	Digikey
20021121-00006C4LF	Programmierstecker	X5	20021121-00X06CXLF	20021121-00006C4LF	1	20021121-00006C4LF	CHF 0.7000	CHF 0.70	Digikey
USB4120-03-C		X7	USB4120	USB4120-03-C	1	USB4120-03-C	CHF 0.8000	CHF 0.80	Digikey
Motorkabel	Motorkabel				4	ASSHSSH28K152	CHF 0.4600	CHF 1.84	Digikey
PCB	PCB				1		CHF 6.4800	CHF 6.48	JLC PCB
SHR-02V-S	Gegenstück zu X1 bis X6				5	SHR-02V-S	CHF 0.0900	CHF 0.45	Digikey
SSH-003T-P0.2-H	Krimphülsen für Akku				2	SSH-003T-P0.2-H	CHF 0.1400	CHF 0.28	Digikey
Motoren			N10 Micro Gearmotor – 6V HP (Pack Of 2)		2		CHF 11.2000	CHF 22.40	Ranglebox
Akku					1	103040	CHF 0.8700	CHF 0.87	Aliexpress
							Total:	CHF 68.74	