

## P-Module-Prototype-BOM

id	Name	Ref	Package	Q.	Manuf. Reference	Manufacturer	Provider	P. Ref	Source	Price (CHF)
1	IRLB3813PBF	Q1, Q2	TO-220AB	2	IRLB3813PBF	Infineon	Element14	1740786	Stock	1,540
2	1u	C1	CAPACITOR 5.08MM	1	MCMLR50V105KX7R	MULTICOMP	Element14	2112947	Stock	0,606
3	4.7uH	L1	WE-FAMI-12MM	1	744750530047	WURTH ELEKTRONIK	Element14	2493151	Order	2,600
4	0.01	RSENSE	AXIAL-0.5	1	LOB1 R010 FLF	TT ELECTRONICS / INTERNATIONAL RESISTIVE	Element14	1499404	Stock	1,570
5	220u	C2	CAP-D10.0XF5.0	1	50ZL220MEFC10X16	Rubycon	Element14	1144714	Stock	0,653
6	2P-TERM	J1	TERMINAL_BLOCK_2P_5	1	1729128	PHOENIX CONTACT	Element14	3041440	Order	0,663
7	3P-TERM	J2	TERMINAL_BLOCK_3P_5	1	CTBP0508/3	CAMDENBOSS	Element14	2668642	Order	0,808
8	0.1u	C3	CAPACITOR 5.08MM	1	K104K20X7RH5TH5	Vishay	Element14	2860098	Stock	0,268
9	15.4k	RC	AXIAL-0.3	1	MCMF0W4DF1542A50	multicomp	Element14	1563100	Stock	0,139
10	6800p	CC	CAPACITOR 5.08MM	1	C315C682K1R5TA7303	Kemet	Element14	2575973	Order	0,497
11	680p	CF	CAPACITOR 5.08MM	1	SR211A681JAR	AVX	Element14	1100511	Order	0,480
12	3MM-RED	LED1	LED 3MM	1	521-9215F	Dialight	Element14	1364249	Stock	1,430
13	1k	R3	AXIAL-0.3	1	MCF 0.5W 1K	Multicomp	Element14	9338365	Stock	0,040
14	MAX16955	U1	TSSOP16	1	MAX16955AUE/V+	Maxim	Element14	2514219	Order	6,090
x14	Adaptor		DIP-16	1	LCQT-TSSOP16	Aries	Element14	2476038	Order	7,520
15	220k	R4	AXIAL-0.3	1	MF25 220K	Multicomp	Element14	9341552	Stock	0,040
									<b>Total</b>	<b>24,945</b>