

Item	Name / Description	Package	Designator on schematic	Quantity	Unit Price [Eur]	Part Number	Other
1	74HC574N D-TYPE FLIP-FLOP	DIP-20	U1, U2, U3, U4, U5, U6, U7, U8	8	0,23	9591630	Farnell
2	SI3861BDV Vishay 4.5-20V 2.3A Load Switch	TSOP-6	U9, U10, U11, U12, U13, U14, U15, U16	8	0,742	781-SI3861BDV-T1-E3	Mouser
3	TPS56528 Step-Down Converter 4.5V-18V 5A	HSOP-8	U17	1	3,56	595-TPS56528DDA	Mouser
4	100uH 2A Power Inductor 12x12mm	/	L1	1	0,35	390302128027	Ebay
5	3.81mm 2 pin Male Terminal Block Vertical	/	P8	1	0,25	301017793034	Ebay
6	2.54mm 2 pin Male Header Jumper	/	W1	1	0,1	170910122061	Ebay
7	2.54mm 2x8 pin IDC Female Header Connector	/	P6	5	0,15	171048488166	Ebay
8	2.54mm 2x4 pin IDC Female Header Connector	/	P5	2	0,15	171046688738	Ebay
9	SK54 40V 5A SMC Schottky Diode SMD	SMC	D1	1	0,02	171055989918	Ebay
10	3mm LED Red	/	D2	1	0,001	290809722053	Ebay
11	220uF 16V Aluminium Electrolytic Capacitor 6.3x7.7mm	/	C25, C28	2	0,2	271673966101	Ebay
12	100nF	0603	C1, C2, C3, C4, C5, C6, C7, C8, C9, C11, C13, C15, C17, C19, C21, C23,	18	0,002	/	Ebay
13	1nF	0603	C10, C12, C14, C16, C18, C20, C22,C24	8	0,002	/	Ebay
14	220uF	0603	C30	1	0,002	/	Ebay
15	10k	0603	R65, R66, R69, R70, R71, R72, R75, R76, R77, R78, R81, R82, R83, R84, R87, R88	17	0,002	/	Ebay
16	100R	0603	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42.	64	0,002	/	Ebay
17	0R	0603	R67, R68, R73, R74, R79, R80, R85, R86	8	0,002	/	Ebay
18	180k	0603	R90	1	0,002	/	Ebay
19	220k	0603	R91	1	0,002	/	Ebay
20	49.9k 1%	0603	R92	1	0,002	/	Ebay
21	100k	0603	R93	1	0,002	/	Ebay
22	470R	0603	R94	1	0,002	/	Ebay
	All elements				13,745		
	2Layer PCB 10cm x 15cm 1.6mm Green			1	8,8	/	iTeadStudio
	TOTAL IN EUROS:				22,545		