

Solder steps main pcb

Step	Part	Value	
1.	bridge via		x
2.	R1, R37 R38, R39	1k	x
3.	R36	2k2	x
4.	D3,D4	ZF 3V6	x
5.	R35, R34	68	x
6.	R27 - R33	10k	x
7.	D1	1N4004	x
8.	Y1	16MHz	x
9.	Y2	12MHz	x
10.	U1 - U6, U8	IC Fassung	x
11.	D2, D5	3mm grün	x
12.	D6	3mm rot	x
13.	C1	330nF	x
14.	C2, C5 - C11	100nF	x
15.	C14	4,7µF	x
16.	C3, C4, C12, C13	22pF	x
17.	R2 - R26	75	x
18.	W1, W2, W5, W6	Jumper	x
19.	P1, P4	5x2, 3x1 Header	x
20.	S1, S2	Kurz Hubtaster gewinkelt	x
23.	U7	7805	x
24.	T1 - T5	BUZ11	x
25.	J1, J2	P-Jack, USB	x
26.	P2	30x1 Header	x