

Component list pa0nhc WebSDR muter box V2.

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All components are wired. Resistors ¼W (RM10). RM= pin distance in mm.

		Conrad Nr
R2,3	33	
R4	1k	
R10	1k 1/2W.	
R5,6	2k2	
R12,13	10k	
C4,5,6,7,8,9, 11,12,13,14	100n ceramic 50V RM2.5 .	
C3	4700uF <b>25V</b> (RM 7.5 / 6.25 / 5)	
D1,2	1N4001/4002/4003	
D11,12	1n4148	
D13	BZX85C5V6 5.6V zener diode	
LED1,2	Round matt 5mm LED RM2.5 .	
BR1	<b>Panjit TS140S Micro DIP</b> Skottky bridge rectifier OR Bridge rectifier housing D38 (B40C1000) RM5. Bridge rectifier housing DIL4.	163965
IC1	LM324N . REM : match the IC notch with the socket notch.	
IC socket	14 pin	
TR1	240/12V 1.5VA transformer short circuit proof. <b><u>Spitznagel SPK01412 fits the PCB.</u></b>	556928
Rel1	Relay 2 pole, on-on 12Vdc.	502868
Jmp1,2,3	Header 1x3 pin. RM2.5	741333
3x	Jumper, 2pin. RM2.5	
J1,2,3,4	Jack Plug 3.5mm stereo.	
S1,2	Toggle switch 1x ON/ON RM4.7 (M2012SS1W01 NKK). <b>TC-MK224</b>	1589420
S3	Toggle switch 2x ON/ON RM4.7 (M2022SS1W01 NKK). <b>TC-MK225</b>	1589399
Box	Hammond <b>ALU 1590EBK</b> (or some ALU sheet box, RF tight). OR Hammond ABS 1554GGY	
4x	Distance bushes (15mm M3).	
4x	Screw M3x25 with nuts.	
PCB	<a href="http://www.pa0nhc.nl">www.pa0nhc.nl</a> 20210511-90.	