

BOM AIR-EQ (for the 2 versions)

Q.ty	Resistors:	N° on PCB 1er version	N° on PCB 2nd version
1	680R 1% 1/4w	R3	R84
10	5k62 1% 1/4w	R4, R15, R16, R17, R18, R19, R20, R38, R39, R51	R67, R68, R79, R89, R93, R94, R95, R96, R97, R98
1	200R 1% 1/4w	R21	R88
1	20R 1% 1/4w	R22	R87
6	1k 1% 1/4w	R23, R27, R30, R44, R47, R50	R57, R70, R73, R76, R86, R90
1	1k54 1% 1/4w	R24	R85
1	1k27 1% 1/4w	R25	R92
1	127R 1% 1/4w	R26	R91
1	20k5 1% 1/4w	R28	R59
1	2k05 1% 1/4w	R29	R58
2	4k99 1% 1/4w	R31, R34	R60, R63
3	10k 1% 1/4w	R32, R33, R35	R61, R62, R65
1	18k2 1% 1/4w	R36	R64
1	47k 1% 1/4w	R37	R66
1	27k 1% 1/4w	R40	R69
2	511R 1% 1/4w	R42, R46	R71, R74
1	64R9 1% 1/4w	R43	R72
1	5k11 1% 1/4w	R45	R75
1	82k5 1% 1/4w	R48	R77
1	8k25 1% 1/4w	R49	R78
1	20k 1% 1/4w	R52	R80
1	10R 1% 1/4w	R53	R83
2	5R6 1% 1/4w	R54, R55	R81, R82
Q.ty	Diodes:	N° on PCB	N° on PCB
2	LED red 3mm	D1, D2	D1, D2
4	1N4148	D7, D8, D9, D10	D13, D14, D15, D16
6	1N4003	D3, D4, D5, D6, D11, D12	D17, D18, D19, D20, D21, D22
Q.ty	Chips:	N° on PCB	N° on PCB
5	NE5532	U1, U2, U3, U4, U5	U7, U8, U9, U10, U11
1	DRV134	U6	U12
Q.ty	Trimmer:	N° on PCB	N° on PCB
1	TRIMMER 20K	R41	R56
Q.ty	Ceramic Capacitors:	N° on PCB	N° on PCB
2	220pF ceramic capa p=5.08mm	C47, C48	C101, C102
13	100nF ceramic capa p=5.08mm	C21, C41, C24, C23, C22, C43, C28, C25, C44, C26, C51, C42, C27	C54, C55, C56, C61, C57, C62, C58, C59, C60, C63, C64, C65, C66
1	47pF ceramic capa p=5.08mm	C50	C98
Q.ty	Film Capacitors:	N° on PCB	N° on PCB
1	0.22uF Wima capa p=5.08mm	C9	C75
8	0.1uF Wima capa p=5.08mm	C12, C13, C16, C17, C31, C32, C35, C36	C90, C91, C92, C93, C94, C95, C96, C97
17	1uF Wima capa p=5.08mm	C1, C2, C3, C4, C5, C6, C7, C14, C15, C18, C19, C29, C30, C33, C34, C37, C38	C52, C68, C69, C70, C71, C72, C73, C74, C77, C78, C79, C80, C81, C82, C83, C84, C85
1	0.47uF Wima capa p=5.08mm	C8	C76
Q.ty	Electrolytic Capacitors:	N° on PCB	N° on PCB
1	47uF / 25V d=5mm	C49	C67
2	22uF / 63V d=6.3mm	C11, C20	C88, C89
2	220uF / 25V d=8mm	C40, C46	C99, C100
1	470uF / 16V d=8mm	C10	C53
2	470uF / 25V d=10mm	C39, C45	C86, C87
Q.ty	Various:	N° on PCB	N° on PCB
2	EMI Filter - Murata Ferrite Bead	CL1, CL2	CL3, CL4
2	Ferrite Bead	F1, F2	F3, F4
1	Switch PBH6UEENAGX	SW1	SW2
1	Rotary switch 2pole 6pos Lorlin		
6	Pots 1gang 470k Rev Log	R5, R6, R7, R8, R9, R10	R5, R6, R7, R8, R9, R10
1	Molex 1x4 Power Sup p=5mm	J1	J4
2	Molex Header 1x3 p=2.54	J2, J3	J5, J6