

Atari Falcon 030 Audio-Mod (C-Lab)

SMD Components on the backside (Size 0805)

	<u>Component</u>	<u>OLD</u>	<u>NEW</u>
Bass-Boost removal	C58	100 pF	1000 pF
	C59	100 pF	1000 pF
	R123	10 kOhm	15 kOhm
	R130	10 kOhm	15 kOhm
	R59	100 kOhm	4,7 kOhm
	R68	100 kOhm	4,7 kOhm
	C95	0,033 µF	R 1 kOhm !!!
	C90	0,033 µF	R 1 kOhm !!!
Reduce Speaker amplification	„normal“ Resistor 10 kOhm between Pin 2 of U21 (R119 bottom) and AGND (R111 bottom)		
	R56	remove!	
	R57	remove!	
	R90	remove!	
	R92	remove!	
	C21	remove!	
	C81	remove!	
	R66	100 kOhm	1,8 kOhm
	R87	100 kOhm	1,8 kOhm
Input amplification to -10dB	R67		470 pF Cap parallel !
	R88		470 pF Cap parallel !
	R66		100 pF Cap parallel !
	R87		100 pF Cap parallel !
	R124		560 pF Cap parallel !
	R131		560 pF Cap parallel !
	C26	0,47 µF	22 µF/16V Tantalum (Size 1210)
	C79	0,47 µF	22 µF/16V Tantalum (Size 1210)

Based on this article: <https://www.holmerup.com/linemod.html>

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Eleven ceramic capacitors for noise-filtering etc. see schematics Rev. L and page 140 of PDF („Action Required“) in the „Atari Falcon030 Service Guide“ on <https://docs.dev-docs.org/>