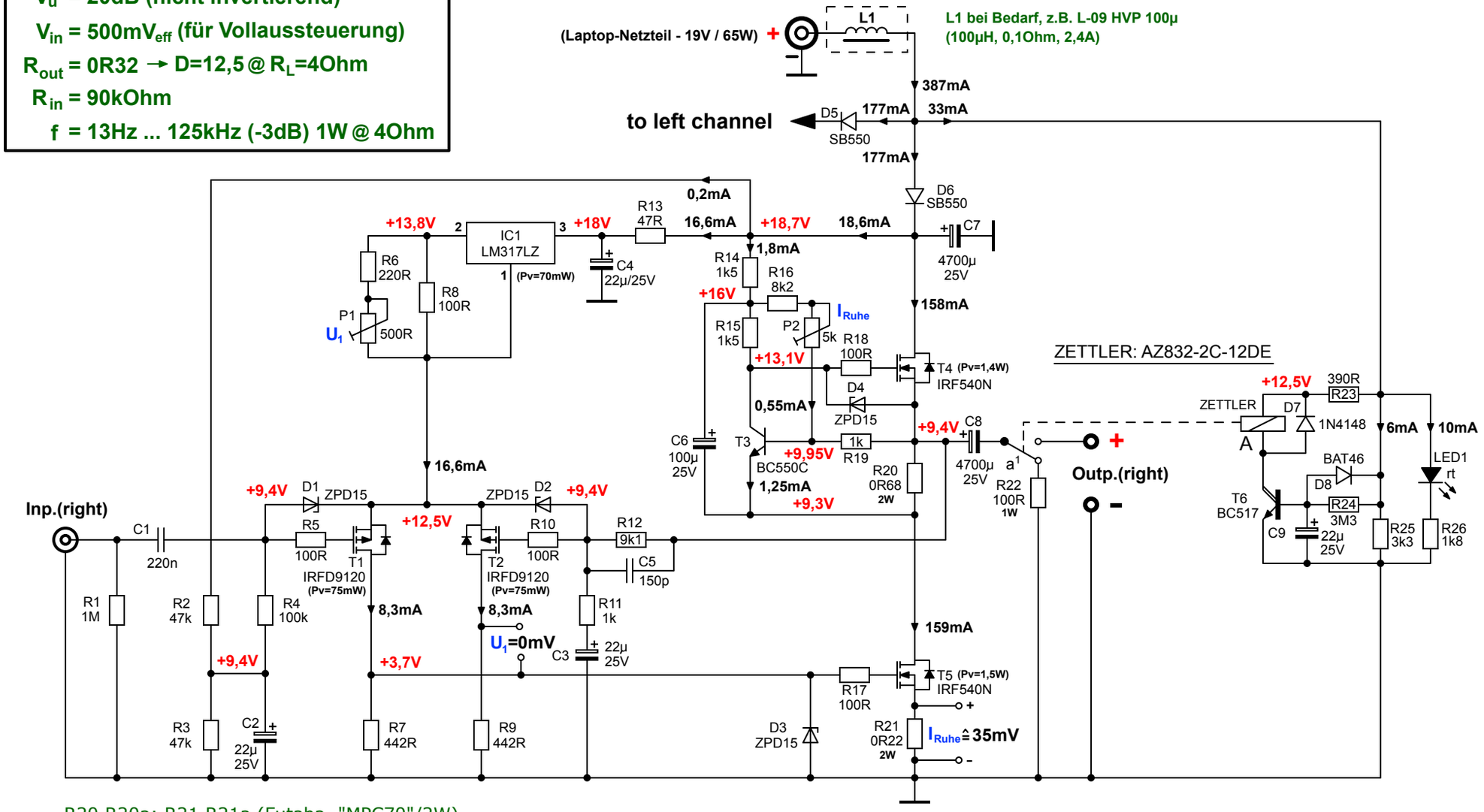
Desktop Amp Schaltplan

P_{out} = 6W @ 4Ohm / 3W @ 8Ohm
V_u = 20dB (nicht invertierend)
V_{in} = 500mV$_{eff}$ (für Vollaussteuerung)
R_{out} = 0R32 → D=12,5 @ R_L=4Ohm
R_{in} = 90kOhm
f = 13Hz ... 125kHz (-3dB) 1W @ 4Ohm



R20,R20a; R21,R21a (Futaba, "MPC70"/2W)
R22,R22a (1W, Bauform "414")
alle anderen Widerstände: Metallschicht 1%, Bauform "207"
P1,P1a; P2,P2a (Beckman, Typ "67W")
C1,C1a (Folienkondensator "MKS", RM 7,5 oder RM 10)
C5,C5a (Keramik-Scheibenkondensator, RM 2,5)
C7,C7a; C8,C8a (Panasonic "NHG" D=16, L=31,5mm, RM 7,5)
alle anderen Elkos (PANASONIC, "FC", RM 2,5)
KAPTON-Isolierscheiben für T4,T4a; T5,T5a (FISCHER "KAP 220K")

TITLE:	**Desktop Amp (6 Watt @ 4 Ohm)**	REV: 1.0
	Company:	Sheet: 1/1
	Date: 29.10.2024	Drawn By: André Buscher