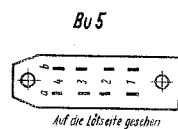
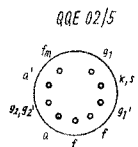
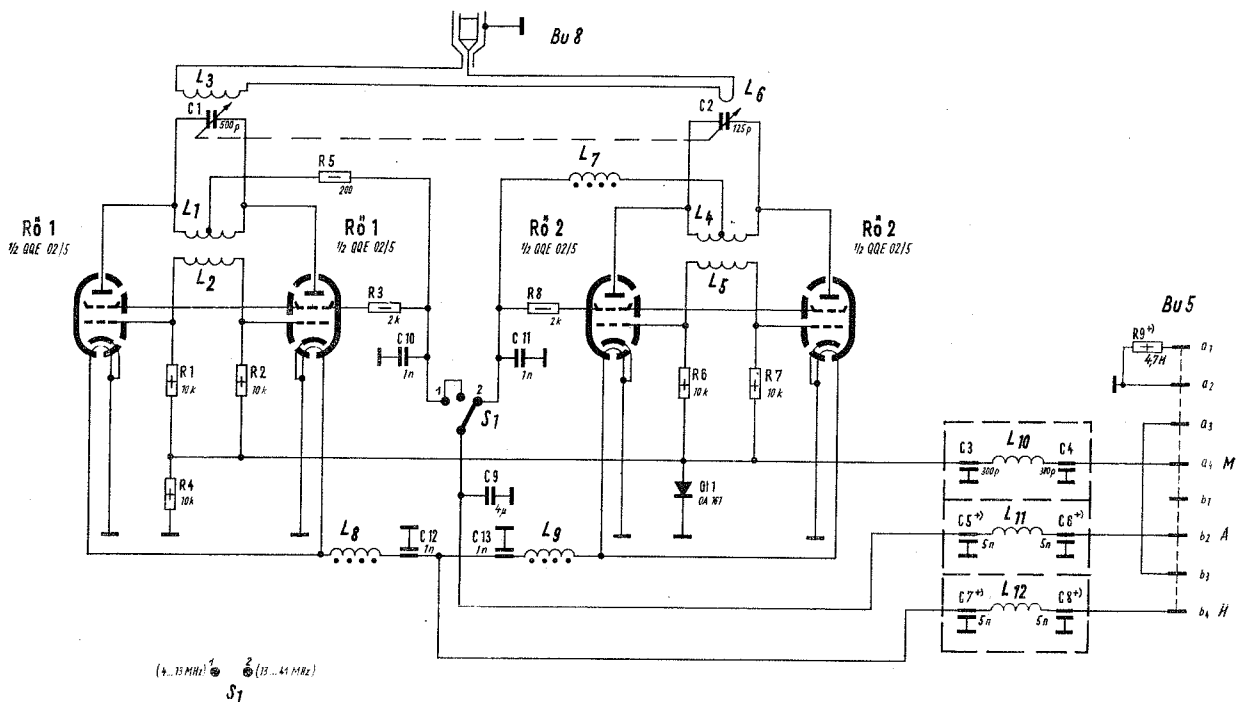
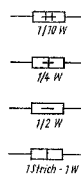


LO-4
4...41 MHz



Belastbarkeit der Widerstände



¹⁾ Für Serie A: R9: 4 MΩ, 0,5 W C5...C8: 5,3 nF (5000 pF + 300 pF)
für Serie B, C: R9: 4,7 MΩ/0,5 W.

R 1	10 kΩ	5 %	0,25 W
R 2	10 kΩ	5 %	0,25 W
R 3	2 kΩ	5 %	0,5 W
R 4	10 kΩ	5 %	0,25 W
R 5	200 Ω	5 %	0,5 W
R 6	10 kΩ	5 %	0,25 W
R 7	10 kΩ	5 %	0,25 W
R 8	2 kΩ	5 %	0,5 W
R 9	4,7 MΩ	5 %	0,25 W

Serie A: 4 MΩ

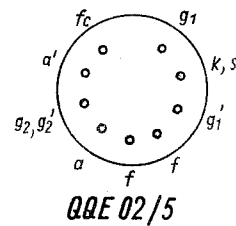
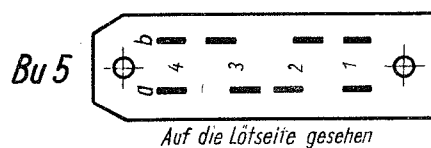
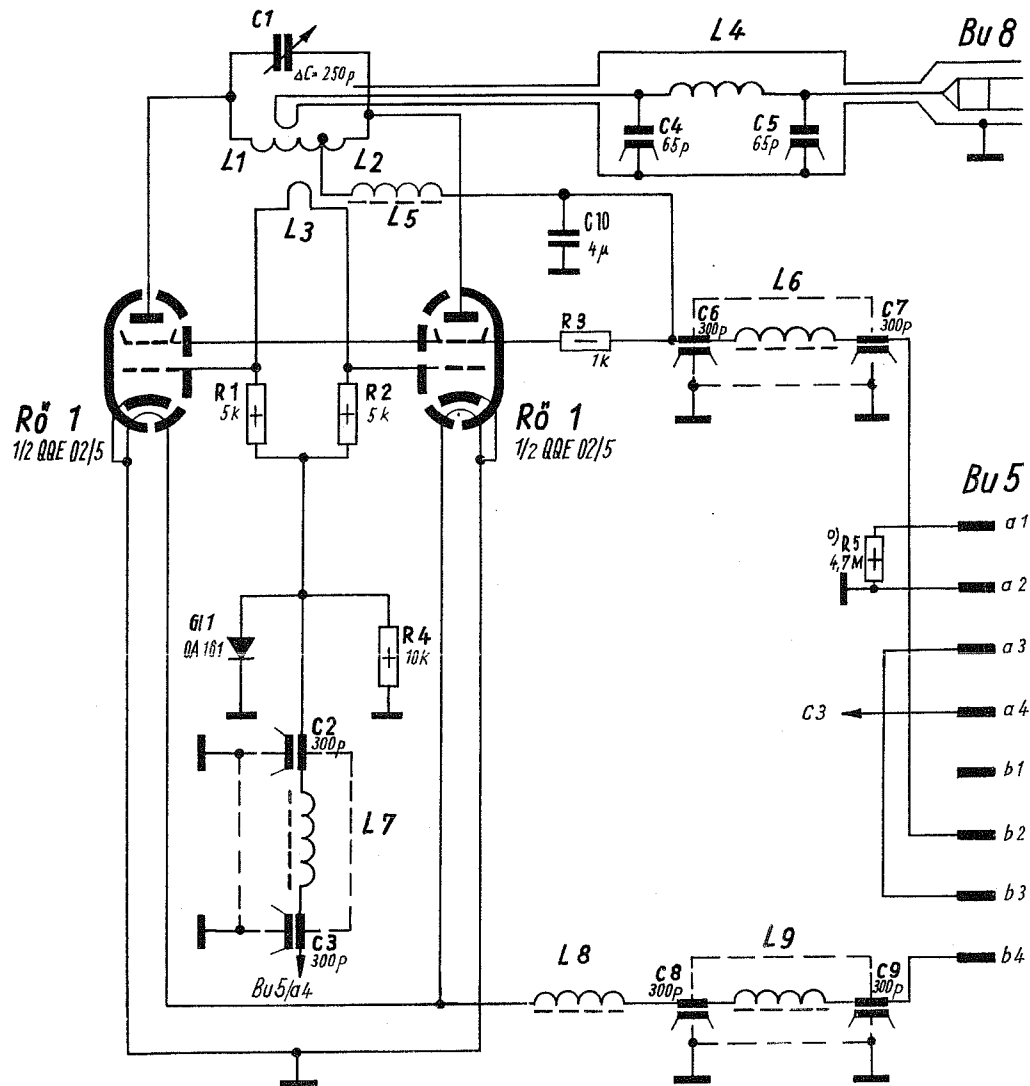
Serie B, C: 4,7 MΩ, 0,5 W

C 1	Drehkond.	ΔC = 500 pF
C 2	Drehkond.	ΔC = 125 pF
C 3	300 pF	± 10 % 500 V-

C 4	300 pF	± 10 %	500 V-
C 5	5 nF	± 20 %	500 V-
C 6	5 nF	± 20 %	500 V-
C 7	5 nF	± 20 %	500 V-
C 8	5 nF	± 20 %	500 V-
C 9	4 μF		500 V
C 10	1 nF	+50/-20%	500 V
C 11	1 nF	+50/-20%	500 V
C 12	1 nF	+50/-20%	500 V
C 13	1 nF	+50/-20%	500 V

Rö 1	QQE 02/5	Valvo
Rö 2	QQE 02/5	Valvo
GL 1	OA 161	Telefunken

LO-20
20...60 MHz



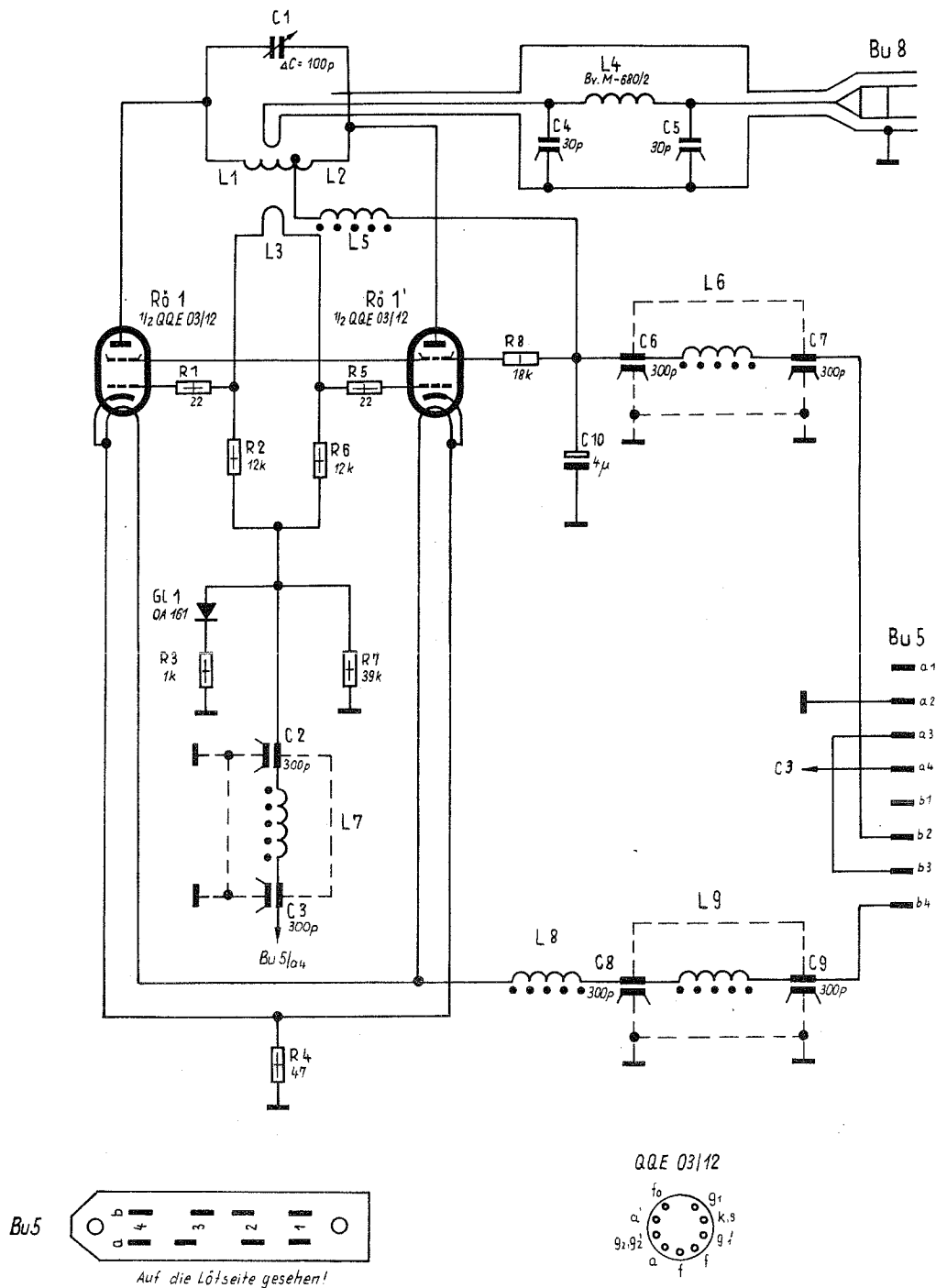
*) nicht für Serie A ! für Serie B: 0,5 W

R 1	5 kΩ	0,25 W	5 %
R 2	5 kΩ	0,25 W	5 %
R 3	1 kΩ	0,5 W	5 %
R 4	10 kΩ	0,25 W	5 %
R 5	4,7 MΩ	0,25 W	5 %
nicht für Serie A!			
C 1	Drehkond. ΔC = 250 pF		
C 2	300 pF	10 %	500 V-
C 3	300 pF	10 %	500 V-

C 4	65 pF	± 5 %	250 V-
C 5	65 pF	± 5 %	250 V-
C 6	300 pF	10 %	500 V-
C 7	300 pF	10 %	500 V-
C 8	300 pF	10 %	500 V
C 9	300 pF	10 %	500 V
C 10	4 μF		500 V-

R6 1	QQE 02/5	Valvo
Gl 1	OA 161	Telefunken

LO-30
30...90 MHz



R 1	22 Ω	5 %	0,25 W
R 2	12 kΩ	5 %	0,25 W
R 3	1 kΩ	5 %	0,25 W
R 4	47 Ω	5 %	0,25 W
R 5	22 Ω	5 %	0,25 W
R 6	12 kΩ	5 %	0,25 W
R 7	39 kΩ	5 %	0,25 W
R 8	18 kΩ	5 %	1 W

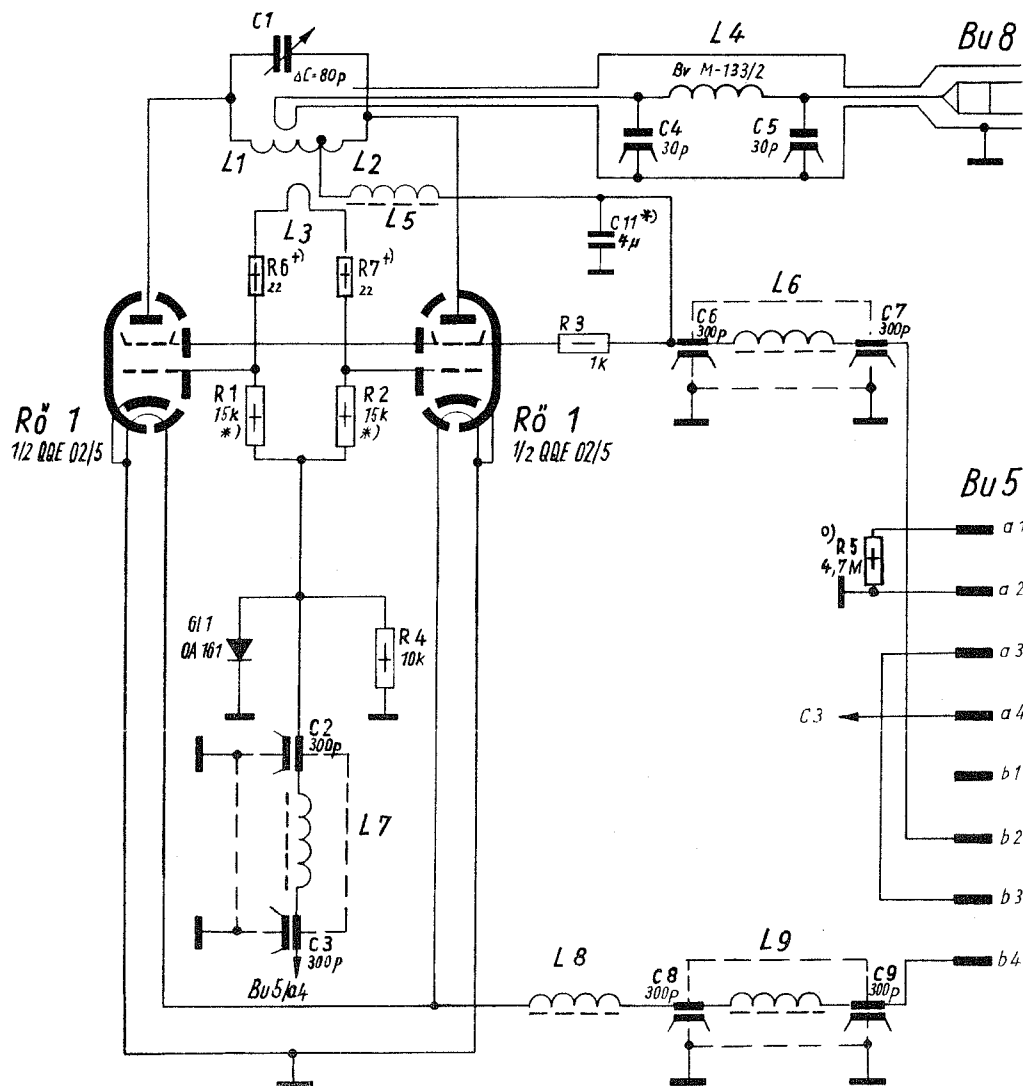
C 1 Drehkond. ΔC = 100 pF

C 2	300 pF	± 10 %	700 V-
C 3	300 pF	± 10 %	700 V-
C 4	30 pF	± 5 %	500 V-
C 5	30 pF	± 5 %	500 V-
C 6	300 pF	± 10 %	700 V-
C 7	300 pF	± 10 %	700 V-
C 8	300 pF	± 10 %	700 V-
C 9	300 pF	± 10 %	700 V-
C 10	4 μF		500 V-

Rö 1 QQE 03/12 Valvo
GL 1 OA 161 Telefunken

LO-40

40...108 MHz



*)

für Serie A:

1) R1, R2 = 10 kΩ

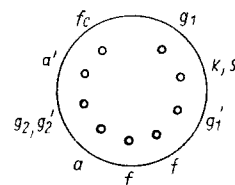
2) C10: 2 nF gegen Masse // C11

3) C11 = 1 μF

Auf die Lötseite gesehen

*) entfällt für Serie A...C

2) nicht für Serie A, B !



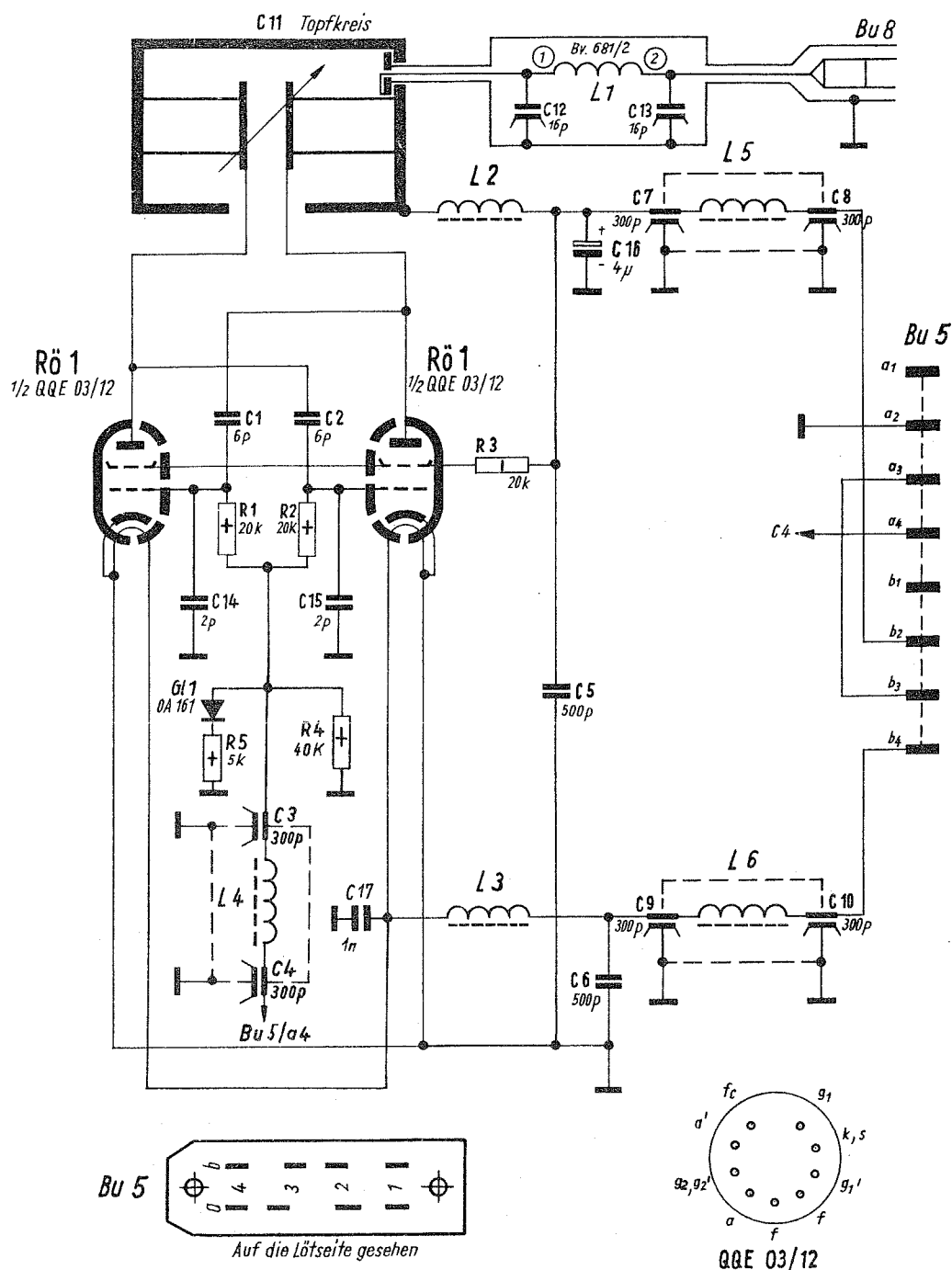
QQE 02/5

R 1	15 kΩ	0,25 W	5 %
	für Serie A: 10 kΩ		
R 2	15 kΩ	0,25 W	5 %
	für Serie A: 10 kΩ		
R 3	1 kΩ	0,5 W	5 %
R 4	10 kΩ	0,25 W	5 %
R 5	4,7 MΩ	0,25 W	5 %
	nicht bei -Serie A, B		
R 6	22 Ω	0,25 W	5 %
	nicht bei Serie A...C		
R 7	22 Ω	0,25 W	5 %
	nicht bei Serie A...C		
C 1	Drehkond. ΔC = 80 pF		

C 2	300 pF	10 %	700 V-
C 3	300 pF	10 %	700 V-
C 4	30 pF	± 5 %	250 V-
C 5	30 pF	± 5 %	250 V-
C 6	300 pF	10 %	700 V-
C 7	300 pF	10 %	700 V-
C 8	300 pF	10 %	700 V-
C 9	300 pF	10 %	700 V-
C 10	2 nF	+50/-20%	500 V-
	nur Serie A		
C 11	4 μF		500 V-
	Für Serie A: 1 μF 500 V		
Rö 1	QQE 02/5	Valvo	
Gl 1	OA 161	Telefunken	

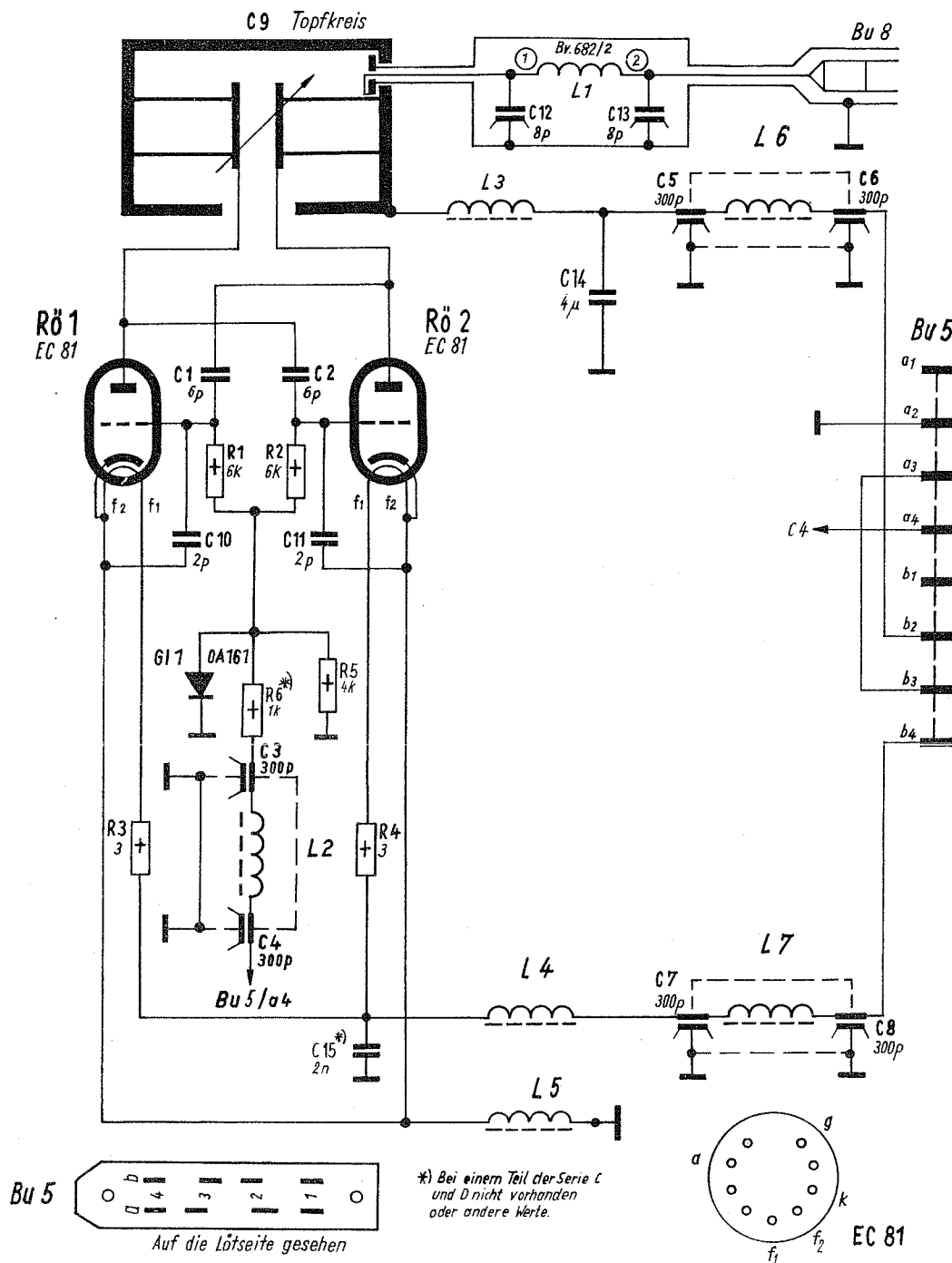
LO-85

85...175 MHz



R 1	20 kΩ	0,25 W	5 %
Serie A:	20 kΩ	0,25 W	5 %
R 2	20 kΩ	0,25 W	5 %
Serie A:	20 kΩ	0,25 W	5 %
R 3	2 × 40 kΩ	0,5 W	5 %
Serie A:	20 kΩ	1 W	5 %
	parallel		
R 4	40 kΩ	0,25 W	5 %
R 5	5 kΩ	0,25 W	1 %
C 1	6 pF	10 %	500 V
C 2	6 pF	10 %	500 V
C 3	300 pF	10 %	700 V
C 4	300 pF	10 %	700 V
C 5	500 pF	20 %	500 V

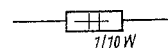
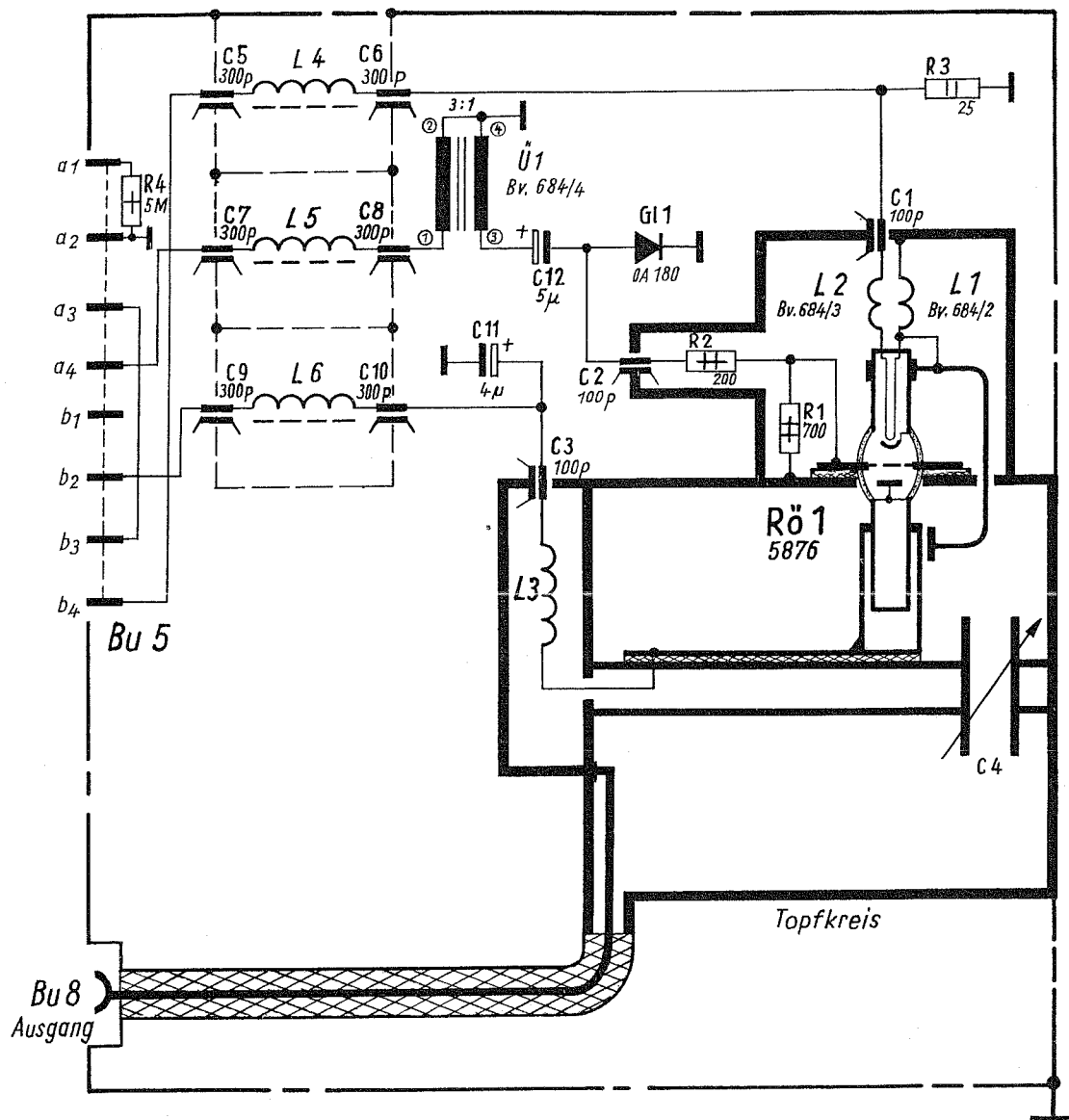
C 6	500 pF	20 %	500 V
C 7	300 pF	10 %	700 V
C 8	300 pF	10 %	700 V
C 9	300 pF	10 %	700 V
C 10	300 pF	10 %	700 V
C 11	Topfkreis		
C 12	16 pF	5 %	350 V
C 13	16 pF	5 %	350 V
C 14	2 pF	± 0,5 pF	500 V
C 15	2 pF	± 0,5 pF	500 V
C 16	4 μF		450 V-
C 17	1 nF	+50/-20%	500 V
Rö 1	QQE 03/12	Valvo	
Gl 1	OA 161	Telefunken	



R 1	6 kΩ	0,25 W	5 %
R 2	6 kΩ	0,25 W	5 %
R 3	3 Ω	0,25 W	5 %
R 4	3 Ω	0,25 W	5 %
R 5	4 kΩ	0,25 W	5 %
R 6	1 kΩ	0,25 W	5 %
C 1	6 pF	10 %	500 V-
C 2	6 pF	10 %	500 V-
C 3	300 pF	10 %	700 V-
C 4	300 pF	10 %	700 V-
C 5	300 pF	10 %	700 V-
C 6	300 pF	10 %	700 V-
C 7	300 pF	10 %	700 V-

C 8	300 pF	10 %	700 V-
C 9	Topfkreis		
C 10	2 pF	± 0,5 pF	500 V
C 11	2 pF	± 0,5 pF	500 V
C 12	8 pF	± 0,5 pF	350 V
C 13	8 pF	± 0,5 pF	350 V
C 14	4 μF		500 V-
C 15	2 nF	+50/-20%	500 V-
Rö 1	EC 81		Valvo
Rö 2	EC 81		Valvo
Gl 1	OA 161		Telefunken

LO-325
325...610 MHz



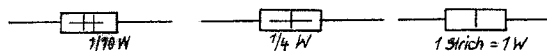
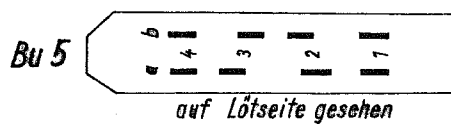
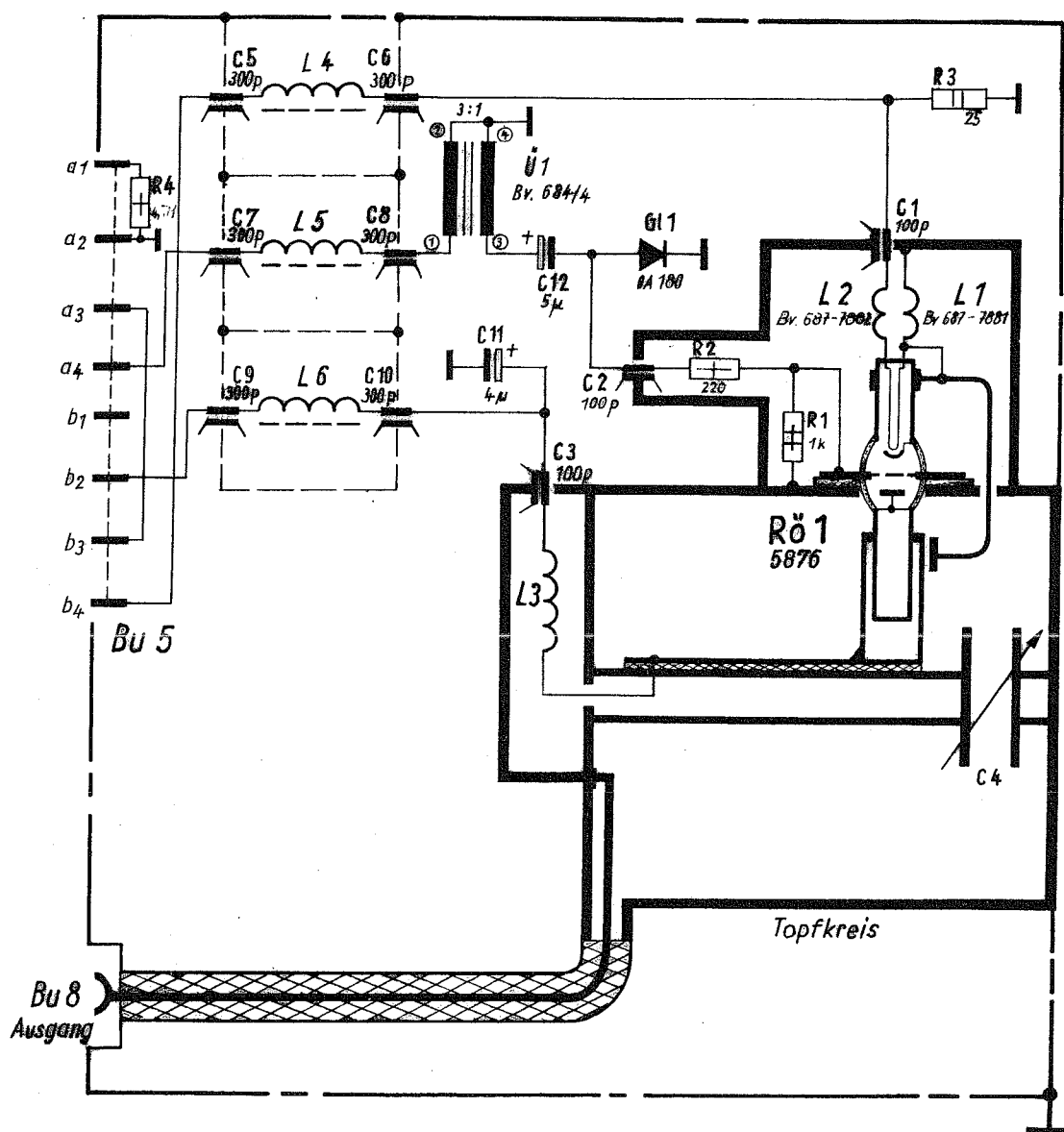
R 1	700 Ω	0,1 W	5 %
R 2	200 Ω	0,1 W	5 %
R 3	25 Ω	2 W	10 %
R 4	5 M Ω	0,25 W	5 %
C 1	100 pF	$\pm 10 \%$	700 V-
C 2	100 pF	$\pm 10 \%$	700 V-
C 3	100 pF	$\pm 10 \%$	700 V-
C 4	Topfkreis		
C 5	300 pF	$\pm 10 \%$	700 V-

C 6	300 pF	$\pm 10 \%$	700 V-
C 7	300 pF	$\pm 10 \%$	700 V-
C 8	300 pF	$\pm 10 \%$	700 V-
C 9	300 pF	$\pm 10 \%$	700 V-
C 10	300 pF	$\pm 10 \%$	700 V-
C 11	4 μ F		450 V-
C 12	5 μ F		35 V-

Gl 1	OA 180	Telefunken
Rö 1	5876	RCA

LO-450

450...800 MHz



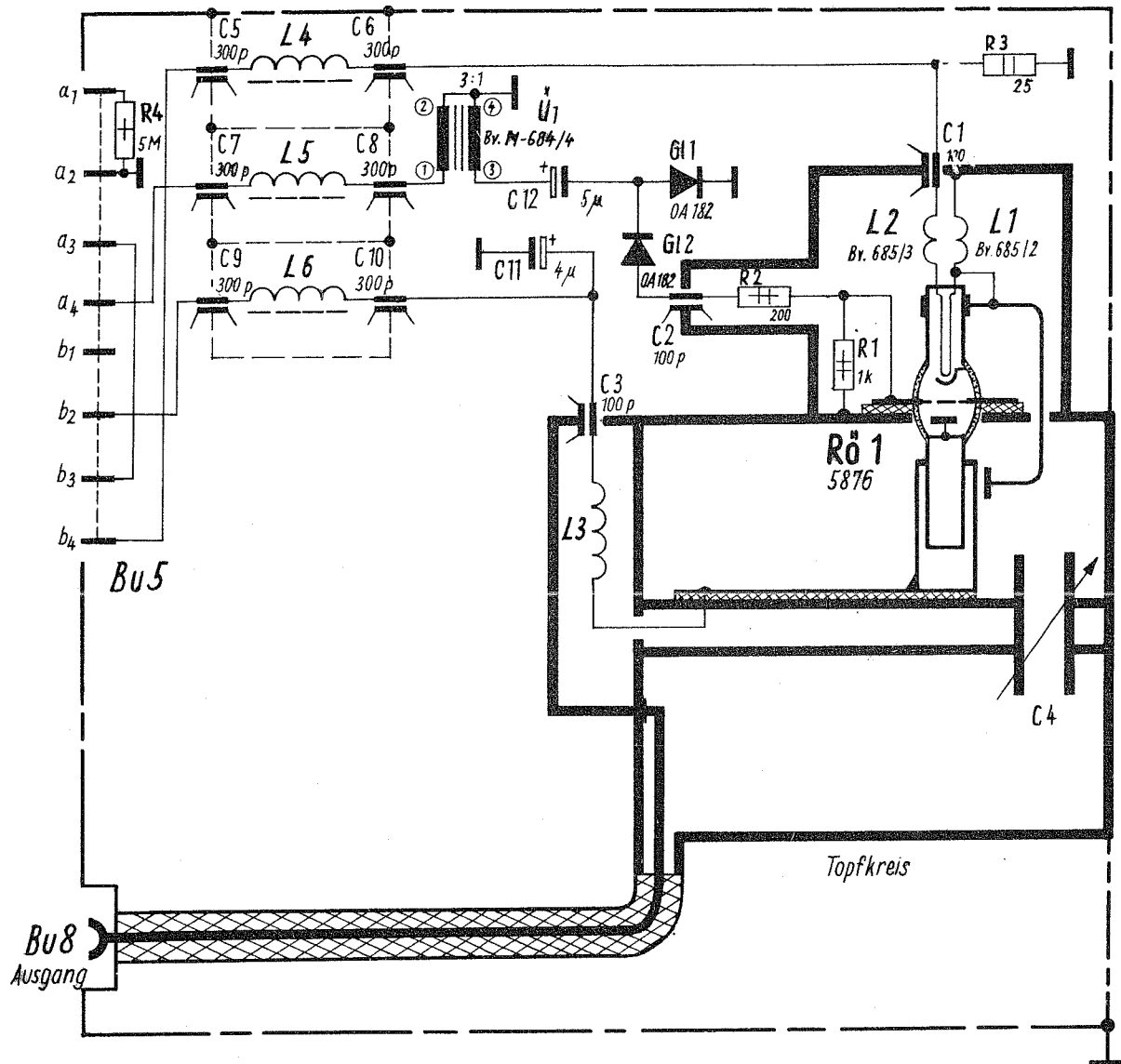
R 1	1 k Ω	5 %	0,1 W
R 2	220 Ω	5 %	0,25 W
R 3	25 Ω	10 %	2 W
R 4	4,7 M Ω	5 %	0,25 W

C 1	100 pF	$\pm 10 \%$	500 V
C 2	100 pF	$\pm 10 \%$	500 V
C 3	100 pF	$\pm 10 \%$	500 V
C 4	Topfkreis		
C 5	300 pF	$\pm 10 \%$	500 V

C 6	300 pF	$\pm 10 \%$	500 V
C 7	300 pF	$\pm 10 \%$	500 V
C 8	300 pF	$\pm 10 \%$	500 V
C 9	300 pF	$\pm 10 \%$	500 V
C 10	300 pF	$\pm 10 \%$	500 V
C 11	4 μ F		450 V
C 12	5 μ F		35 V

Gl 1	OA 180	Telefunken
Rö 1	5876	RCA

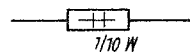
LO-610
610...960 MHz



Bu5

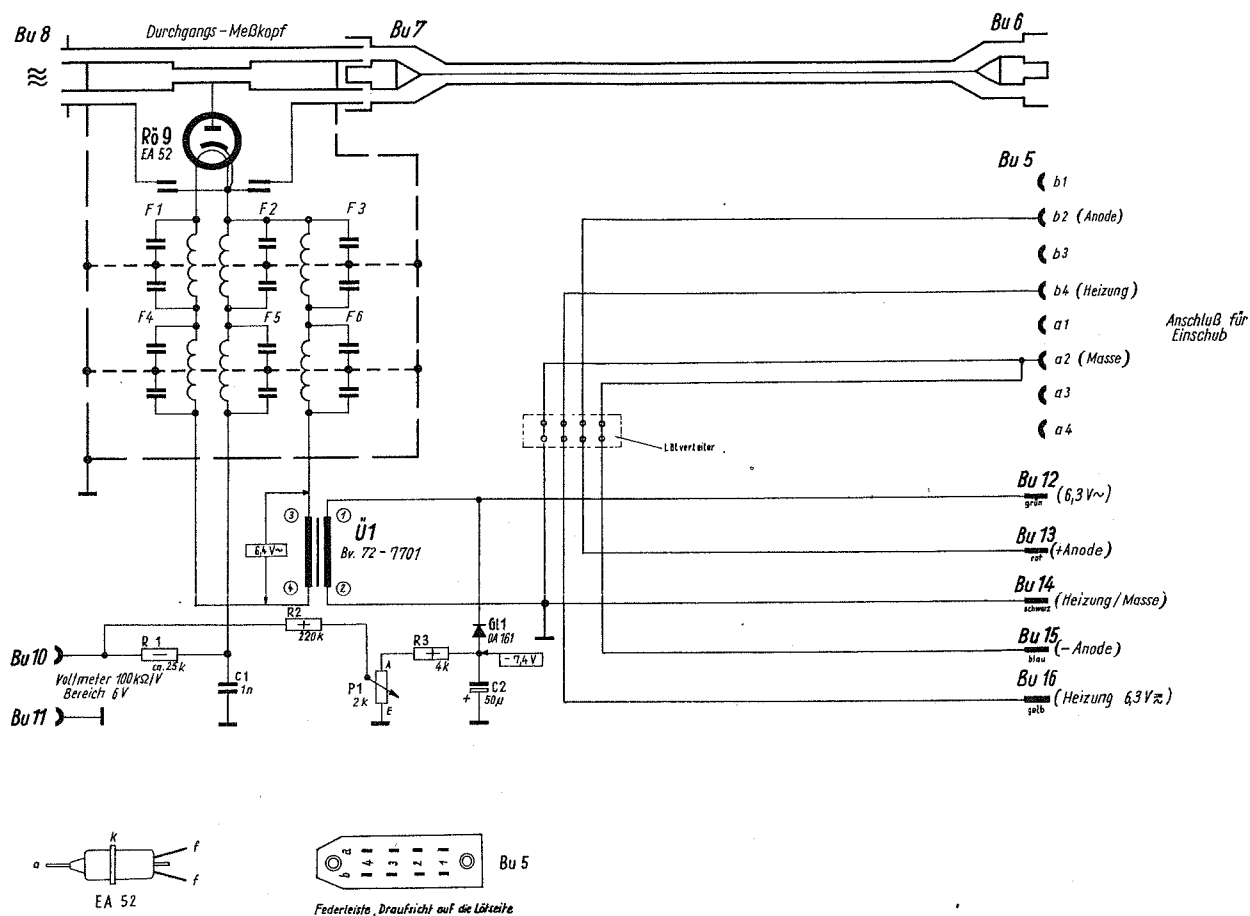


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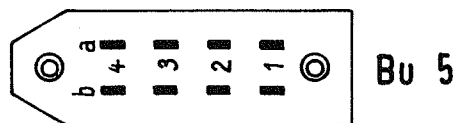
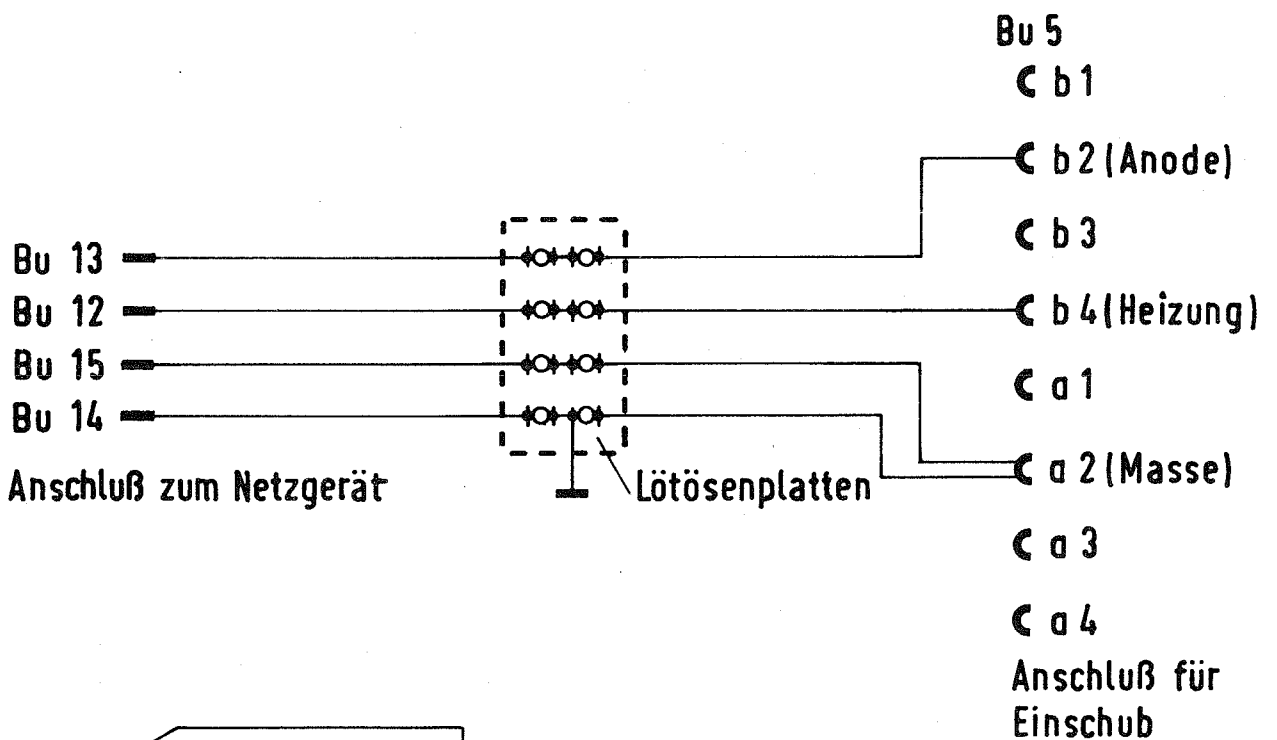
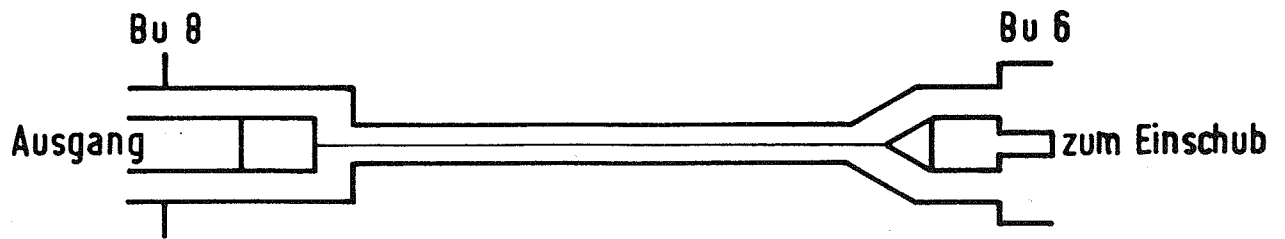
R 1	1 kΩ	0,1 W	5 %
R 2	200 Ω	0,1 W	5 %
R 3	25 Ω	2 W	10 %
R 4	5 MΩ	0,25 W	5 %
C 1	100 pF	± 10 %	700 V-
C 2	100 pF	± 10 %	700 V-
C 3	100 pF	± 10 %	700 V-
C 4	Topfkreis		
C 5	300 pF	± 10 %	700 V-

C 6	300 pF	± 10 %	700 V-
C 7	300 pF	± 10 %	700 V-
C 8	300 pF	± 10 %	700 V-
C 9	300 pF	± 10 %	700 V-
C 10	300 pF	± 10 %	700 V-
C 11	4 μF		450 V-
C 12	5 μF		35 V-
Rö 1	5876		RCA
Gl 1	OA 182		Telefunken
Gl 2	OA 182		Telefunken



R 1	ca. 25 kΩ	0,5 W	5 %
R 2	220 kΩ	0,25 W	5 %
R 3	4 kΩ	0,25 W	5 %
P 1	Drehwiderstand 2 kΩ, lin.		

C 1	1 nF	1000 V-
C 2	50 µF	15 V-
Gl 1	OA 161	Telefunken
Rö 9	EA 52	



Federleiste, Draufsicht auf die Lötseite.