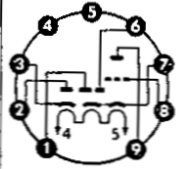


PABC 80

Pico 9
 Noval
 Größe 10
 Outlines 10

Stift · Pin

1	d _{III}
2	d _{II}
3	k _{II}
4	f
5	f
6	d _I
7	k _T , k _I , k _{III} , s
8	g
9	a



NF-Triode
 mit 3 Dioden

NF-Verstärker
 AM-Demodu-
 lator

FM-Demodu-
 lator

Ratiometektor

AF triode
 with 3 diodes

AF amplifiers
 AM demodu-
 lators

FM demodu-
 lators

ratio detector

$I_f = 300 \text{ mA}$
 $U_f \text{ ca. } 9,5 \text{ V}$

indirekt geheizt
 indir. heated

Triode
 $U_a = 200 \text{ V}$
 $U_g = -2,3 \text{ V}$
 $I_a = 1 \text{ mA}$
 $S = 1,4 \text{ mA/V}$
 $R_i = 50 \text{ k}\Omega$
 $\mu = 70$

Dioden
 $I_{dI} = 2 \text{ mA}$
 ($U_{dI} = 10 \text{ V}$)
 $I_{dII} = 25 \text{ mA}$
 ($U_{dII} = 5 \text{ V}$)
 $I_{dIII} = 25 \text{ mA}$
 ($U_{dIII} = 5 \text{ V}$)

I_{dII}/I_{dIII}
 $< 3/2 \text{ bzw. } > 2/3$

NF-Verstärker in Widerstandsverstärkerschaltung

Resistance-coupled amplifier

$R_g = 10 \text{ M}\Omega, R_k = 0 \Omega$

U_b	=	200	200	200	V
R_a	=	220	100	47	k Ω
R_g'	=	680	330	150	k Ω
I_a	=	0,56	1	1,6	mA
V	=	53	44	34	fach
k ($U_{a \text{ eff}} = 3 \text{ V}$)	=	0,3	0,4	0,5	%

1) U_g nur durch R_g erzeugt
 U_g produced by voltage drop across R_g only

2) für alle Kathoden
 for all cathodes

Kapazitäten · Capacitances

Triode

c_e	=	1,9	pF	c_{dI}	=	0,8	pF
c_a	=	1,4	pF	c_{dII}	=	4,8	pF
c_{ga}	=	2	pF	c_{dIII}	=	4,8	pF

Triode
 $U_a = 300 \text{ V}$
 $N_a = 1 \text{ W}$
 $I_k = 5 \text{ mA}$
 $R_g = 3 \text{ M}\Omega$
 $R_g^{1)} = 22 \text{ M}\Omega$
 $U_{f/k}^{2)} = 150 \text{ V}$
 $R_{f/k} = 20 \text{ k}\Omega$

Dioden
 $U_{dI \text{ sp}} = -350 \text{ V}$
 $U_{dII \text{ sp}} = -350 \text{ V}$
 $U_{dIII \text{ sp}} = -350 \text{ V}$
 $I_{dI \text{ sp}} = 6 \text{ mA}$
 $I_{dII \text{ sp}} = 75 \text{ mA}$
 $I_{dIII \text{ sp}} = 75 \text{ mA}$
 $I_{dI} = 1 \text{ mA}$
 $I_{dII} = 10 \text{ mA}$
 $I_{dIII} = 10 \text{ mA}$