

Triode Push Pull Circuit Datasheet Application Note

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Triode Push Pull Circuit Datasheet

O4O A LL TRIODE 6336-A-BASED ALL TRIODE P.P. AMP

cuit, I chose this circuit The basic idea for the circuit is shown in Fig 1 In other applications I noticed that a mu-follower (looks quite similar to O4O A LL TRIODE USH PUL MP RON IEW This amp design features the 6336-A power triode tube, along with push-pull class A operation, no overall feedback, low distortion, approximately 20W of

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Triode Connection Push-Pull Class ABI Cathode Bias RL(a-a) la+g2(o) la g2(m a x) pa + pa + g2(max) Class A Series Stabiliser (see fig 1) 430 396 2 x 22 2 x 440±50/0 2 x 69 30 (approx) 200 Load current Voltage change Stabilisation Regulation Stabilisation is defined as O to 100 out x 100% for a change in Vin of ± 7% corresponding to out

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Pentodes connected as Triodes - Audio Design Guide

Pentodes connected as Triodes 28 Example: PCL84 compound valve based headphone amp Pentode sections connected as triodes in push-pull operation 100% class A triode(d) push-pull operation About 1W/channel Po into 8 Ohms Due to internal dummy load, it can drive headphones from

<32 Ohms up to whatever impedance Also can drive small bookshelves Automatic disconnect of speakers on ...

tubedata.jp

CIRCUIT KT88 SUPPLEMENT ISSUE 2 The KT88 may be used in pairs in either triode, pentode or ultra-linear push-pull circuits and this Supplement gives circuits and operating data for amplifiers giving outputs of 30 to 400 v,ratts in various conditions of operation The ultra-linear circuit is recommended for outputs up to 100M" when the maximum output coupled with the lowest distortion is

JJ 7027 Datasheet 2005 - Dr.Tube

Singl tube Push-Pull U a = 250 V 270 V U g2 = 250 V 270 V U g1 = -14 V -17,5 V I a = =72 mA 134 mA I g2 =5 mA 11 mA R a = 22,5 kΩ R a-a =- 5 kΩ N=6,5 W 17,5 W Limiting values: Triode U a = 450 V U g2 = 450 V W a = 30 V Pentode U a = 500 V U g2 = 450 V W a = 30 W Grid No 1 Circuit Resistance Fixed Bias 0,1 MW 0,1 MW Self Bias 0,5 MW 0,5 MW Capacitances: c g1 =12,5 pF C a =10 pF C a/g1 F ...

SLVS074H -JANUARY 1983-REVISED MARCH 2017 TL494 Pulse ...

Push-Pull Operation • Internal Circuitry Prohibits Double Pulse at Either Output • Variable Dead Time Provides Control Over Total Range • Internal Regulator Provides a Stable 5-V Reference Supply With 5% Tolerance • Circuit Architecture Allows Easy Synchronization 2 Applications • Desktop PCs • Microwave Ovens • Power Supplies: AC

KT90 - frank.pocnet.net

power amplifier applications Anode dissipation rate is 50W, which provides for push-pull amplifiers utilization up to 110W output per pair, with 550V on the anode Up to 160W per pair may be achieved with anode voltage of 750V and screen grid voltage of 600V The KT90 is recommended as a replacement for 6550, 6550A and KT88 General

KT150 TUNG-SOL

triode grid 2 voltage, dc pentode connection triode & ultralinear connection grid 1 voltage, dc plate dissipation grid 2 dissipation cathode current pentode connection triode & ultralinear connection grid 1 circuit resistance fixed bias self bias bulb temperature 850 650 650 600-200 70 90 275 250 51,000 240,000 250 volts volts volts volts

LTC3721-1 - Push-Pull PWM Controller

LTC3721-1 1 sn37211 37211fs APPLICATIO S U FEATURES TYPICAL APPLICATIO U DESCRIPTIO U The LTC ®3721-1 push-pull PWM controller provides all of the control and protection functions necessary for com-pact and highly efficient, isolated power converters

JJ 6L6GC Datasheet 2003 - Dr.Tube

Singl tube Push-Pull U a = 250 V 270 V U g2 = 250 V 270 V U g1 = -14 V -17,5 V I a = 72 mA 134 mA I g2 = 5 mA 11 mA R a = 22,5 kΩ - R a-a =- 5 kΩ N = 6,5 W 17,5 W Limiting values: Triode U a = 450 V U g2 = 450 V W a = 30 W Pentode U a = 500 V U g2 = 450 V W a = 30 W Grid No 1 Circuit Resistance Fixed Bias 0,1 MΩ 0,1 MΩ Self Bias 0,5 MΩ 0,5 MΩ Capacitances: c g1 = 12,5 pF c a = 10 pF c a

1608A - Hammond Mfg.

Designed for push-pull tube output circuits Units are designed to provide ample "headroom" at bass frequencies (Note the weight of each transformer) All models have a secondary tapped for 4, 8 or 16 ohm outputs Enclosed (shielded), 4 slot, above chassis Type "X" mounting

shop.ehx.com

*Triode connection Base Bulb Max Max Max 6-3 600 600 600 35 40 175 1 50 220t 100t *Mctal shell wafer octal Tubular overall length seated length diameter Cout Triode 125 mm 1 10 mm 52 mm w w 12 Connection t Resistors of 20% tolerance mav bc used CAPACITANCES 1-2

CHARACTERISTICS C_{in} 16 pF $I_{a,g2}$ Vg2 Pentode Connection 250 250 160 12 670 mA/V

The Sony VFET Amplifier 40 Year Commemorative

very easy to build direct-coupled push-pull amplifiers with simple circuits Here is a photo of a pair of those Sony 2SK82 and 2SJ28 complementary matched pairs, part of inventory which sat on the shelf for the last forty years So I began working with these transistors as well, and the first result was an

5881 a. f. beam pentode - JJ Electronic

Single tube push-pull $U_a = 250$ 270 V $U_{g2} = 250$ 270 V $U_{g1} = -14$ -17,5 V $I_a = 63$ 134 ma $I_{g2} = 4,3$ 11 ma $R_a = 2,5$ - k Ω $R_{a-a} = -5$ k Ω $n = 6,7$ 17,5 W Limiting Values: triode pentode $U_a = 450$ 500 V $U_{g2} = 450$ 450 V $W_a = 26$ 23 W Grid No 1 Circuit Resistance fixed bias 0,1 m Ω Self bias 0,5 m Ω

tungsol.com

carries a 60 watt plate dissipation rating which provides for push-pull amplifier designs up to 200 watts output construction features provide for reliable operation at full ratings 95 06 amp volts volts volts grid 1 to plate input output direct interelectrode capacitances without shield 18 29 10 heater characteristics and ratings design maximum values - see eia standard rs-239 63 volts