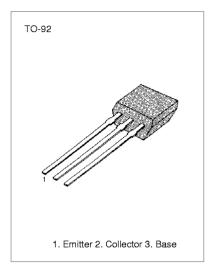
AUDIO FREQUENCY POWER AMPLIFIER

- Complement to KSB811
- Collector Current I_C=1A
- Collector Dissipation Pc=350mW

ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

Characteristic	Symbol	Rating	Unit
Collector-Base Voltage Collector-Emitter Voltage Emitter-Base Voltage Collector Current Collector Dissipation Junction Temperature	Vcbo Vceo Vebo Ic Pc TJ	40 30 5 1 350 150	V V V A mW
Junction Temperature Storage Temperature	T _J T _{STG}	150 -55 ~ 150	°C



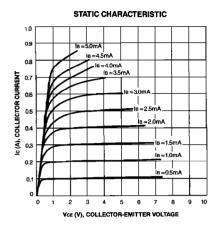
ELECTRICAL CHARACTERISTICS (T_A=25°C)

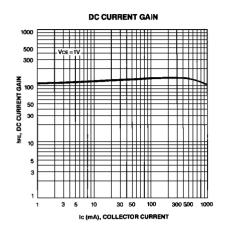
Characteristic	Symbol	Test Conditions	Min	Тур	Max	Unit
Collector-Base Breakdown Voltage Collector-Emitter Breakdown Voltage Emitter-Base Breakdown Voltage Collector Cut-off Current DC Current Gain Collector-Emitter Saturation Voltage Base-Emitter Saturation Voltage Current Gain-Band Width Product Output Capacitance	BVCBO BVCEO BVEBO ICBO IFE VCE (sat) VBE (sat) fT COB	$\begin{array}{l} l_{C}{=}100\mu\text{A},\ l_{E}{=}0 \\ l_{C}{=}10\text{mA},\ l_{B}{=}0 \\ l_{E}{=}100\mu\text{A},\ l_{C}{=}0 \\ V_{CB}{=}30\text{V},\ l_{E}{=}0 \\ V_{CE}{=}1\text{V},\ l_{C}{=}100\text{mA} \\ l_{C}{=}1\text{A},\ l_{B}{=}0.1\text{A} \\ l_{C}{=}1\text{A},\ l_{B}{=}0.1\text{A} \\ V_{CE}{=}6\text{V},\ l_{C}{=}10\text{mA} \\ V_{CB}{=}6\text{V},\ l_{E}{=}0,\ f{=}1\text{MHz} \end{array}$	40 30 5 70	130 16	0.1 400 0.5 1.2	V V µA V V MHz pF

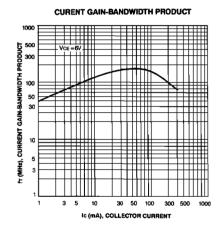
h_{FE} **CLASSIFICATION**

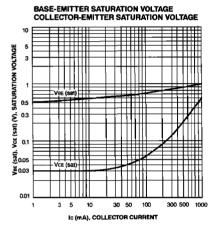
Classification	0	Y	G
h _{FE}	70-140	120-240	200-400

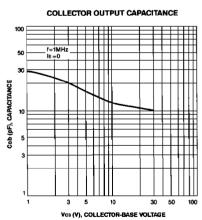


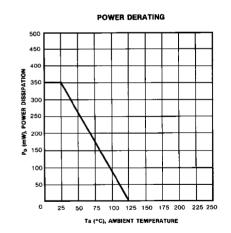














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FACT Quiet Series $^{\text{TM}}$ Quiet Series $^{\text{TM}}$ SuperSOT $^{\text{TM}}$ -3 FAST $^{\text{TM}}$ SuperSOT $^{\text{TM}}$ -6 GTO $^{\text{TM}}$ SuperSOT $^{\text{TM}}$ -8 HiSeC $^{\text{TM}}$

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