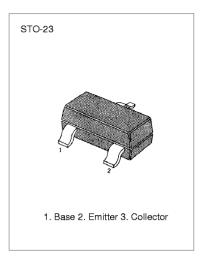
HIGH FREQUENCY OSC

• Complement to KSA812

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 Storage Temperature	V _{CBO} V _{CEO} V _{EBO} I _C P _C T _J T _{STG}	60 50 5 100 200 150 -55 ~ 150	∨ ∨ ∨ mA mW ° ° ° ∪



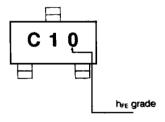
ELECTRICAL CHARACTERISTICS (T_A=25°C)

Characteristic	Symbol	Test Conditions	Min	Тур	Max	Unit
Collector Cut-off Current Emitter Cut-off Current DC Current Gain Collector-Emitter Saturation Voltage Base-Emitter Saturation Voltage Base-Emitter On Voltage Current Gain-Bandwidth Product Output Capacitance	IcBo IEBO hrE Vce (sat) VBE (sat) VBE (on) fr CoB	$\begin{array}{c} V_{CB}{=}60V, \ I_{E}{=}0 \\ V_{EB}{=}5V, \ I_{C}{=}0 \\ V_{CE}{=}6V, \ I_{C}{=}1mA \\ I_{C}{=}100mA, \ I_{B}{=}10mA \\ I_{C}{=}100mA, \ I_{C}{=}6V \\ I_{E}{=}10mA, \ V_{CE}{=}6V \\ V_{CB}{=}6V, \ I_{E}{=}0 \\ f_{E}{=}1MHz \\ \end{array}$	90 0.55	200 0.15 0.86 0.62 250 3	0.1 0.1 600 0.3 1.0 0.65	μΑ μΑ V V V MHz pF

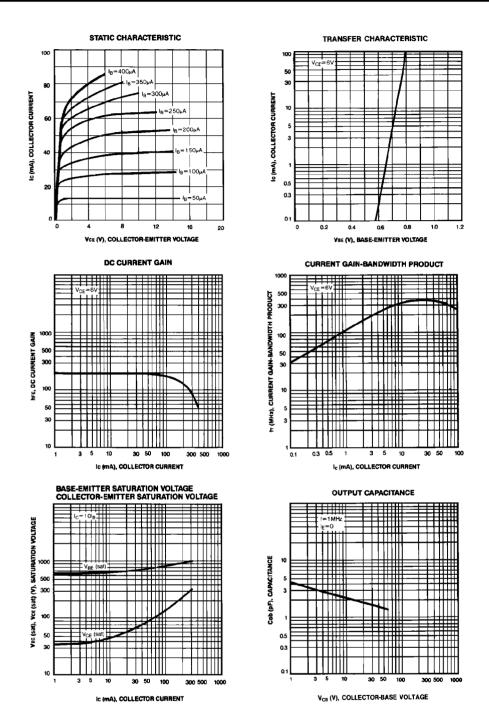
h_{FE} CLASSIFICATION

Classification	0	Y	G	L
h _{FE}	90-180	135-270	200-400	300-600

Marking









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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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PRODUCT STATUS DEFINITIONS

Definition of Terms

Datasheet Identification	Product Status	Definition
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