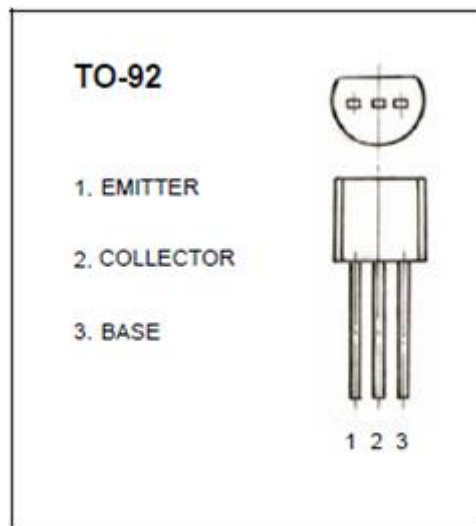


isc Silicon PNP Transistor
2SA1283
DESCRIPTION

- High Voltage and High Current
V_{ceo}=-60V(Min.)
- Excellent hFE Linearity
- Low Noise
- Minimum Lot-to-Lot variations for robust device performance and reliable operation

APPLICATIONS

- Audio frequency general purpose amplifier Applications
- Driver stage amplifier applications.


ABSOLUTE MAXIMUM RATINGS(T_a=25°C)

SYMBOL	PARAMETER	VALUE	UNIT
V _{CBO}	Collector-Base Voltage	-60	V
V _{CEO}	Collector-Emitter Voltage	-60	V
V _{EBO}	Emitter-Base Voltage	-6	V
I _C	Collector Curren	-1	A
P _C	Collector Power Dissipation @T _c =25°C	900	mW
T _J	Junction Temperature	150	°C
T _{stg}	Storage Temperature Range	-55~150	°C

ELECTRICAL CHARACTERISTICS

 T_c=25°C unless otherwise specified

SYMBOL	PARAMETER	CONDITIONS	MIN	TYP.	MAX	UNIT
V _{CE(sat)}	Collector-Emitter Saturation Voltage	I _c = -500mA ; I _B = -25mA			-0.3	V
I _{cBO}	Emitter Cutoff Current	V _{CB} = -50V; I _E = 0			-0.2	μ A
I _{EBO}	Collector Cutoff Current	V _{EB} = -4V; I _C = 0			-0.2	μ A
h _{FE}	DC Current Gain	I _C = -100mA ; V _{CE} = -4V	55		300	

◆ h_{FE} Classifications

C	D	E
55-110	90-180	150-300

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