



SANYO Semiconductors

DATA SHEET

An ON Semiconductor Company

2SB1122 / 2SD1622

PNP ~~NPN~~ Epitaxial Planar Silicon Transistors

Low-Frequency Power Amplifier Applications

Applications

- Voltage regulators relay drivers, lamp drivers, electrical equipment.

Features

- Adoption of FBET process.
- Ultrasmall size making it easy to provide high-density hybrid IC's.

Specifications () : 2SB1122

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions	Ratings	Unit
Collector-to-Base Voltage	V _{CB0}		(-)60	V
Collector-to-Emitter Voltage	V _{CEO}		(-)50	V
Emitter-to-Base Voltage	V _{EBO}		(-)5	V
Collector Current	I _C		(-)1	A
Collector Current (Pulse)	I _{CP}		(-)2	A
Collector Dissipation	P _C		500	mW
		Mounted on a ceramic board (250mm ² ×0.8mm)	1.3	W
Junction Temperature	T _j		150	°C
Storage Temperature	T _{stg}		-55 to +150	°C

Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Collector Cutoff Current	I _{CBO}	V _{CB} =(-)50V, I _E =0A			(-)100	nA
Emitter Cutoff Current	I _{EBO}	V _{EB} =(-)4V, I _C =0A			(-)100	nA

Marking 2SB1122 : BE
~~2SD1622 : DE~~

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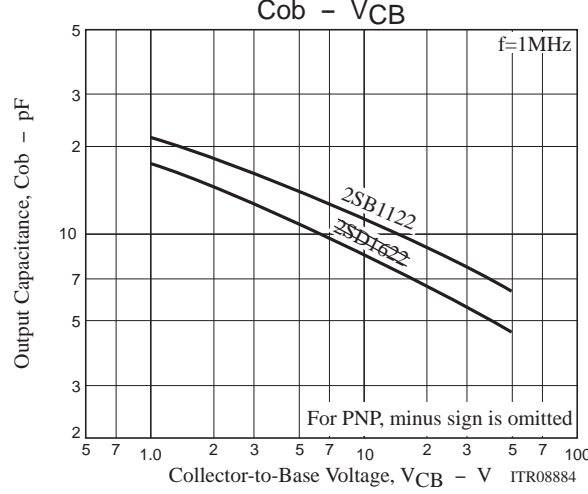
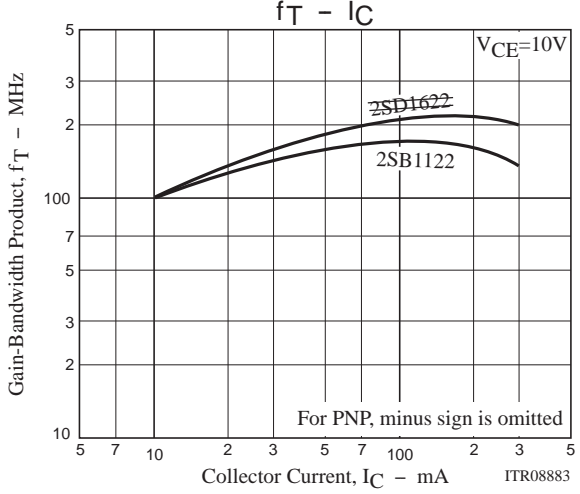
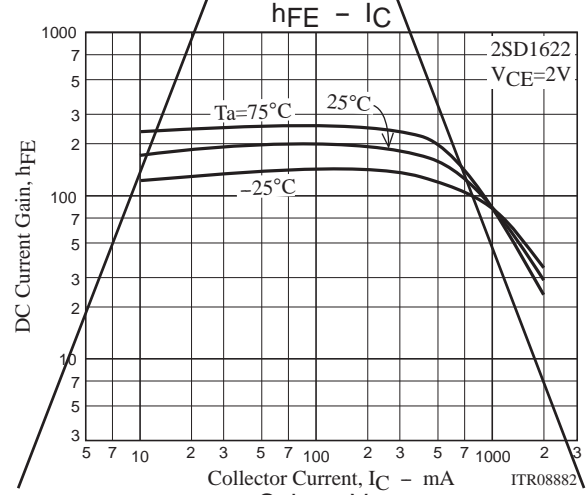
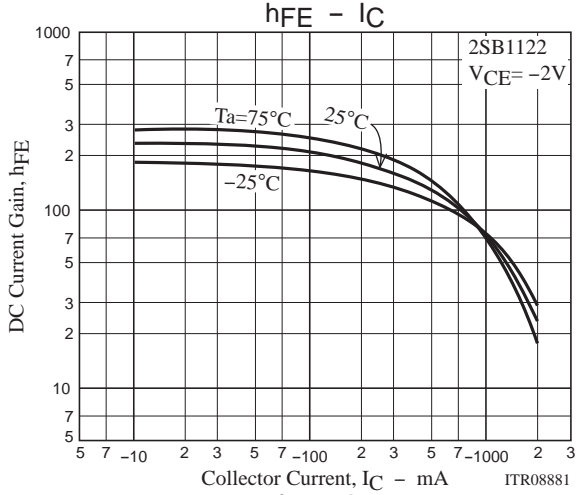
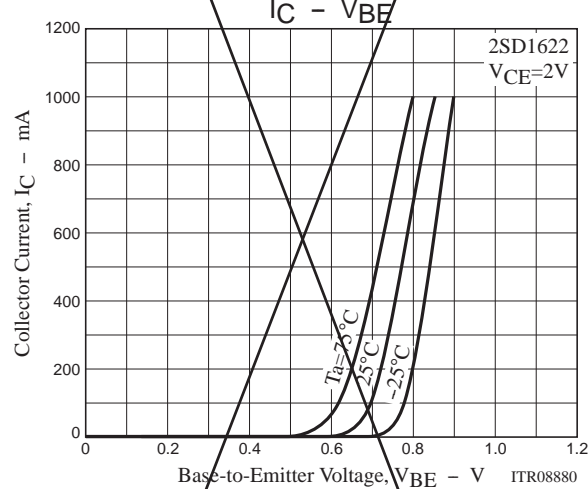
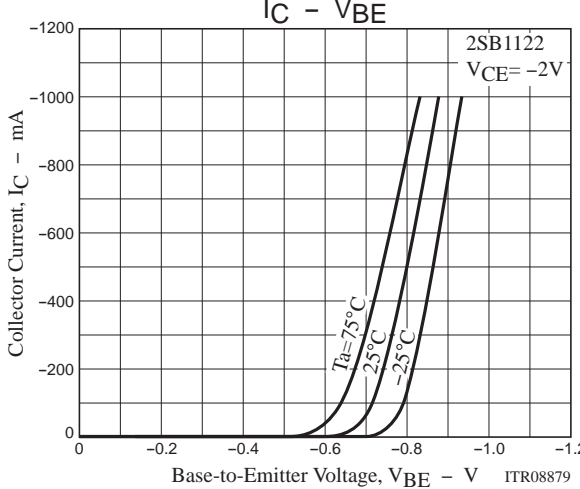
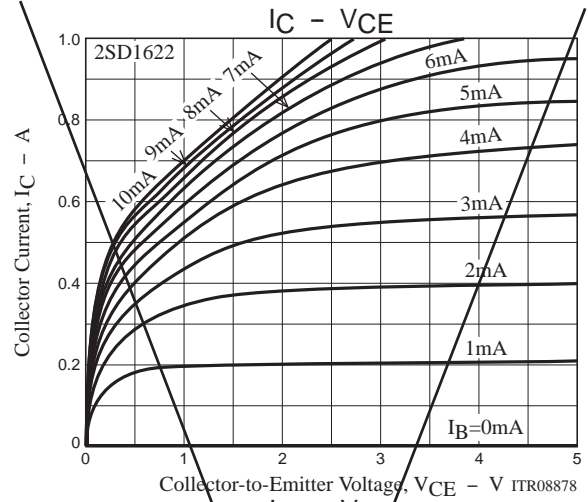
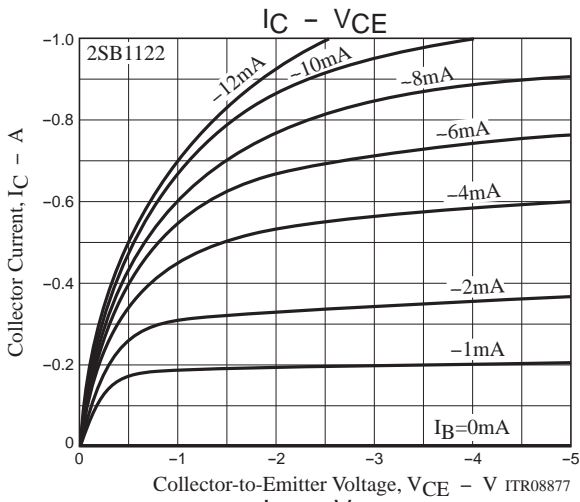
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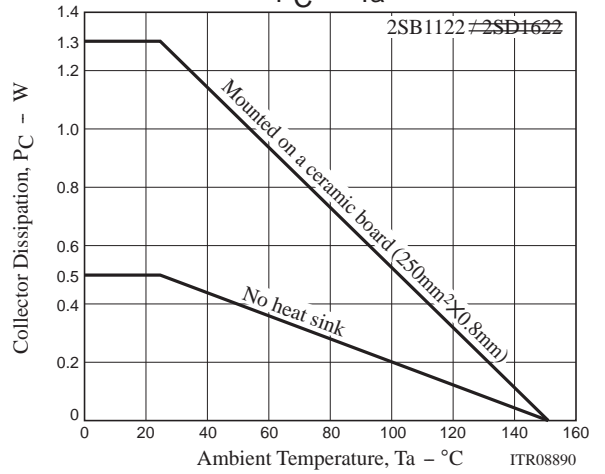
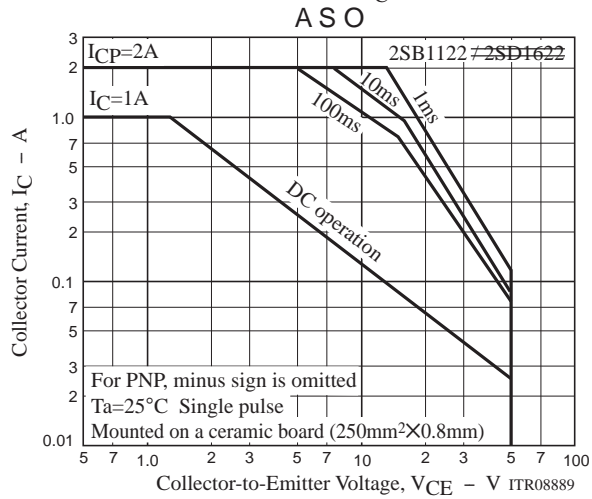
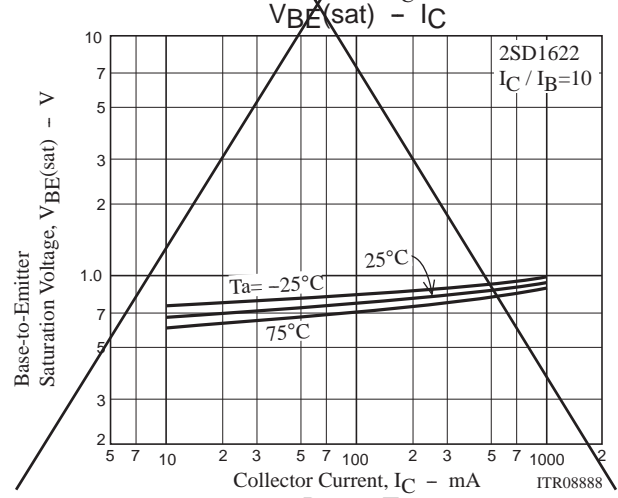
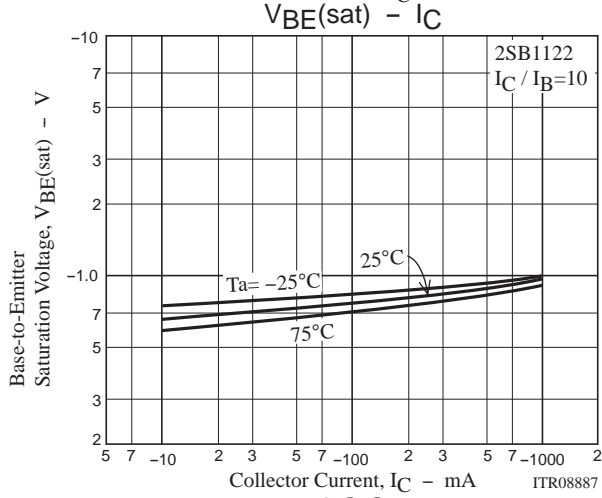
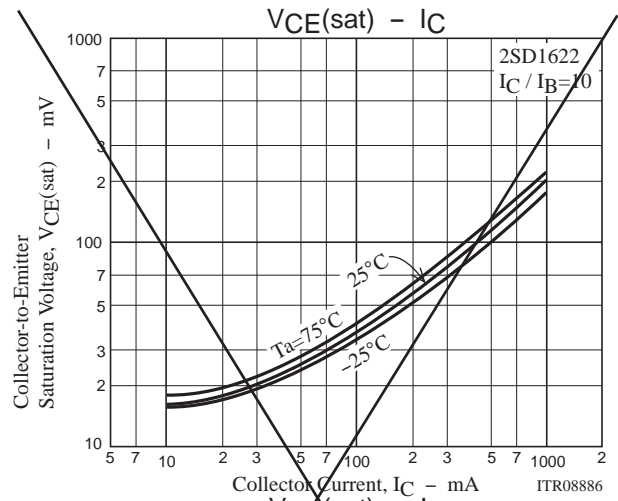
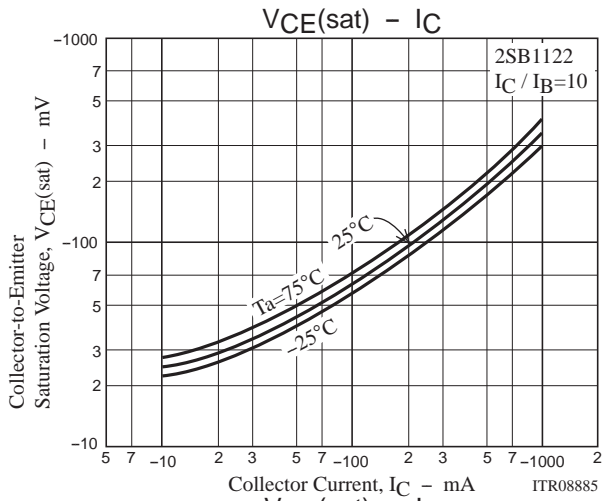
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