查询2SD1841供应商

Ordering number:EN3260A

捷多邦,专业PCB打样工厂,24小时加急出货

2SB1231 : PNP Epitaxial Planar Silicon Transistor 2SD1841 : NPN Triple Diffused Planar Silicon Transistor

2SB1231/2SD1841



Applications

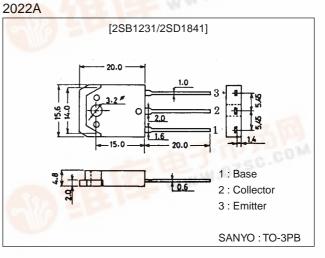
· Motor drivers, relay drivers, converters, and other general high-current switching applications.

Features

- · Large current capacity and wide ASO. WWW.DZSC.
- · Low saturation voltage.

Package Dimensions

unit:mm



():2SB1231

Specifications

Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Collector-to-Base Voltage	VCBO		()110	V
Collector-to-Emitter Voltage	VCEO		(-)100	V
Emitter-to-Base Voltage	VEBO		(–)6	V
Collector Current	۱ _C		(–)25	A
Collector Current (Pulse)	ICP	- 43 Sec.	(–)40	A
Base Current	IB		(-)8	A
Collector Dissipation	PC		3.0	W
		Tc=25°C	120	W
Junction Temperature	Tj	D Tak	150	°C
Storage Temperature	Tstg	Com.	-55 to +150	°C

Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Conditions		Ratings		
Falameter	Symbol			typ	max	Unit
Collector Cutoff Current	ICBO	V _{CB} =(-)100V, I _E =0		1 7	(-)0.1	mA
Emitter Cutoff Current	IEBO	V _{EB} =(-)5V, I _C =0	5	211	(–)0.1	mA
DC Current Gain	h _{FE} 1	V _{CE} =(-)2V, I _C =(-)2.5A	50*	4.07	140*	
	h _{FE} 2	V _{CE} =(-)2V, I _C =(-)10A	20			
Collector-to-Emitter Saturation Voltage	V _{CE(sat)}	I _C =(-)10A, I _B =(-)1A			(–)0.8	V
Base-to-Emitter Saturation Voltage	V _{BE(sat)}	I _C =(-)10A, I _B =(-)1A			(–)1.5	V

Any and all SANYO products described or contained herein do not have specifications that can handle applications that require extremely high levels of reliability, such as life-support systems, aircraft's control systems, or other applications whose failure can be reasonably expected to result in serious physical and/or material damage. Consult with your SANYO representative nearest you before using any SANYO products described or contained herein in such applications.

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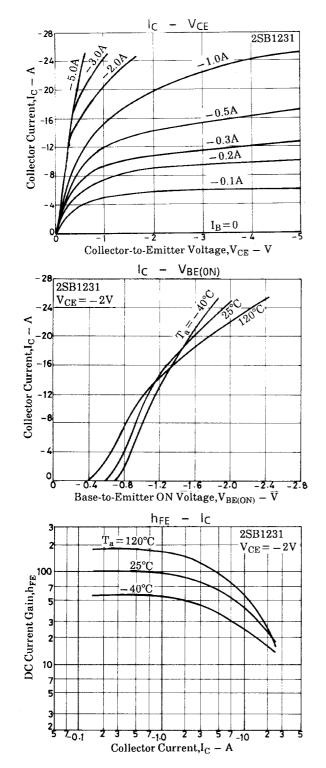
SANYO Electric Co., Ltd. Semiconductor Bussiness Headquaters TOKYO OFFICE Tokyo Bldg., 1-10, 1 Chome, Ueno, Taito-ku, TOKYO, 110-8534 JAPAN

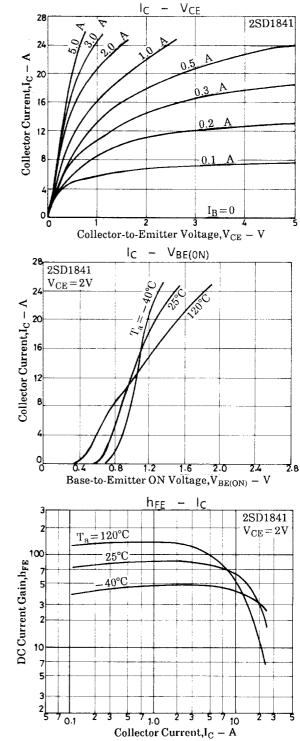
2SB1231/2SD1841

Parameter	Symbol	Conditions	Ratings			Unit
Falameter	Symbol	Conditions		typ	max	Onit
Collector-to-Base Breakdown Voltage	V(BR)CBO	I _C =(-)1mA, I _E =0	(–)110			V
Collector-to-Emitter Breakdown Voltage	V(BR)CEO	I _C =(−)5mA, R _{BE} =∞	(–)100			V
Emitter-to-Base Breakdown Voltage	V _{(BR)EBO}	I _C =(-)1mA, I _C =0	(–)6			V

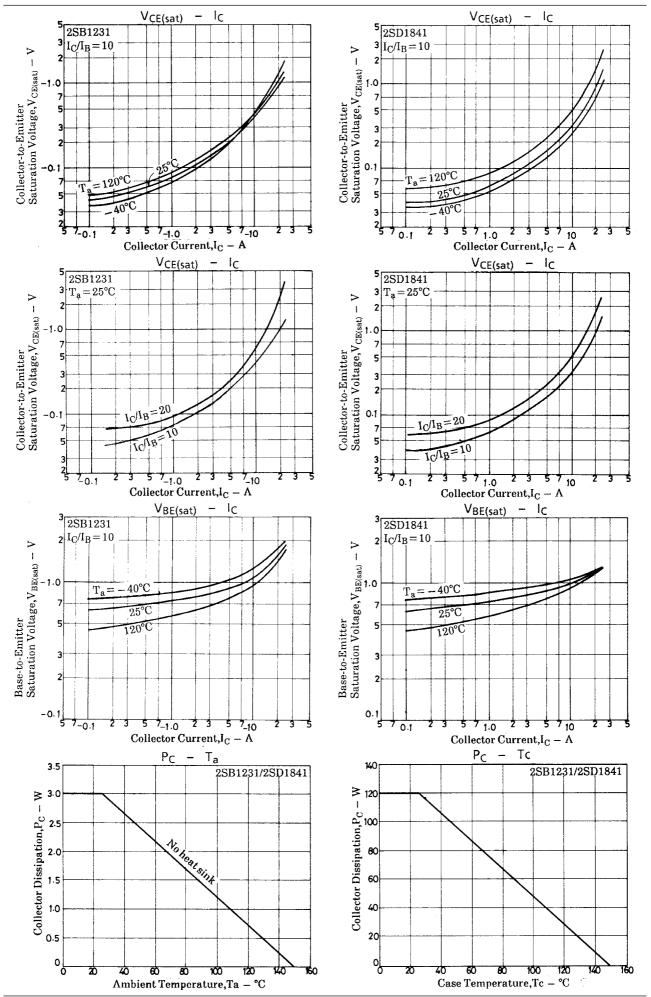
 \ast : For the $h_{FE}1$ of the 2SB1231/2SD1841, specify at least two ranks in principle.

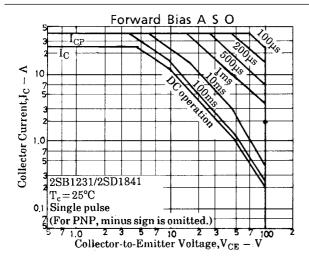
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2SB1231/2SD1841





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