KENESAS 2SB562 WWW.DZSC.COM Silicon PNP Epitaxial REJ03G0646-0200 (Previous ADE-208-1024) Rev.2.00 Aug.10.2005 WWW.DZSC.CO Application • Low frequency power amplifier Complementary pair with 2SD468 ٠ Outline RENESAS Package code: PRSS0003DC-A (Package name: TO-92 Mod) 1. Emitter 3. Base

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Absolute Maximum Ratings

查询2SB562BTZ-E供应商

			$(Ta = 25^{\circ}C)$
Item	Symbol	Ratings	Unit
Collector to base voltage	V _{CBO}	-25	V
Collector to emitter voltage	V _{CEO}	-20	V
Emitter to base voltage	V _{EBO}	-5	V
Collector current	Ι _C	-1.0	A
Collector peak current	İ _{C(peak)}	-1.5	A
Collector power dissipation	Pc	0.9	W. COM
Junction temperature	Tj	150	O° LO LO
Storage temperature	Tstg	-55 to +150	°C



Electrical Characteristics

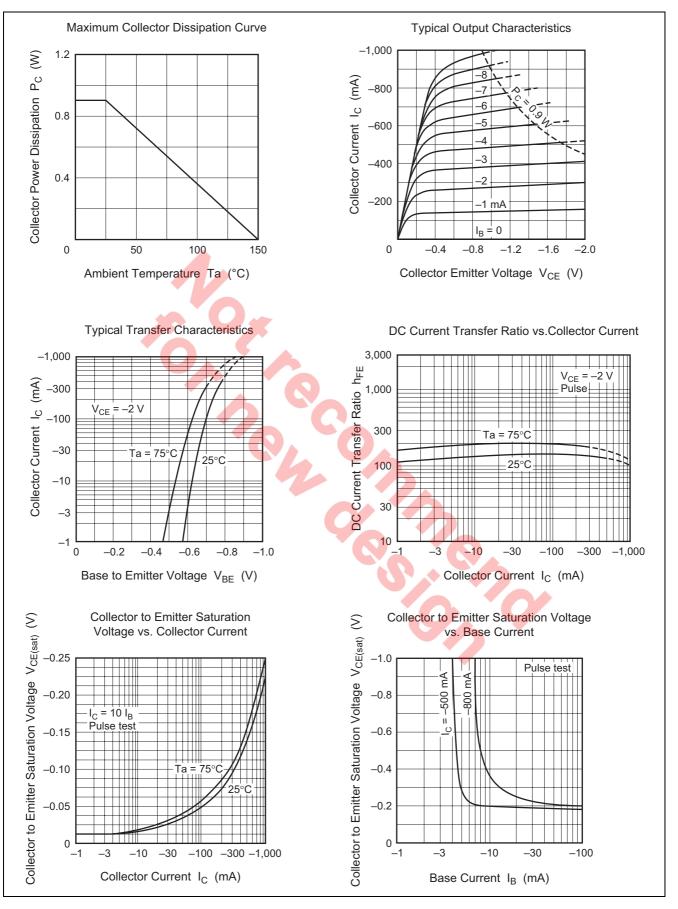
						$(Ta = 25^{\circ}C)$
ltem	Symbol	Min	Тур	Max	Unit	Test conditions
Collector to base breakdown voltage	V _{(BR)CBO}	-25	—	_	V	$I_{\rm C} = -10 \ \mu A, \ I_{\rm E} = 0$
Collector to emitter breakdown voltage	V _{(BR)CEO}	-20	_	_	V	$I_{C} = -1 \text{ mA}, \text{ R}_{BE} = \infty$
Emitter to base breakdown voltage	V _{(BR)EBO}	-5	_	_	V	$I_E = -10 \ \mu A, \ I_C = 0$
Collector cutoff current	I _{CBO}	—	—	-1.0	μΑ	$V_{CB} = -20 \text{ V}, \text{ I}_{E} = 0$
DC current transfer ratio	h _{FE} * ¹	85		240		$V_{CE} = -2 V,$
						$I_{C} = -0.5 \text{ A}$ (Pulse test)
Collector to emitter saturation voltage	V _{CE(sat)}	—	-0.2	-0.5	V	$I_{\rm C} = -0.8 \text{ A},$
						$I_B = -0.08 \text{ A}$ (Pulse test)
Base to emitter voltage	V _{BE}	_	-0.8	-1.0	V	$V_{CE} = -2 V$,
						$I_{\rm C} = -0.5 \text{ A}$ (Pulse test)
Gain bandwidth product	f⊤	—	350	_	MHz	$V_{CE} = -2 V,$
						$I_{C} = -0.5 \text{ A}$ (Pulse test)
Collector output capacitance	Cob	—	38		pF	$V_{CB} = -10 \text{ V}, I_E = 0$
						f = 1 MHz

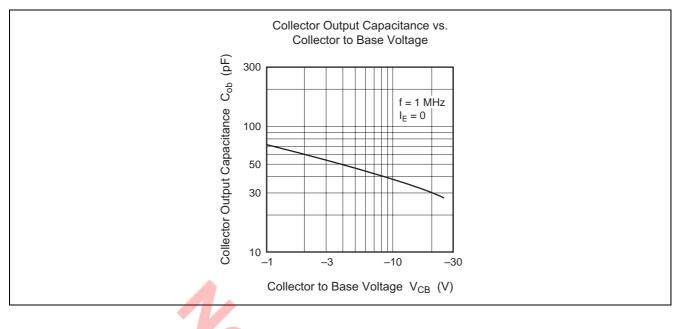
1. The 2SB562 is grouped by h_{FE} as follows. Note:

В	С		
85 to 170	120 to 240		

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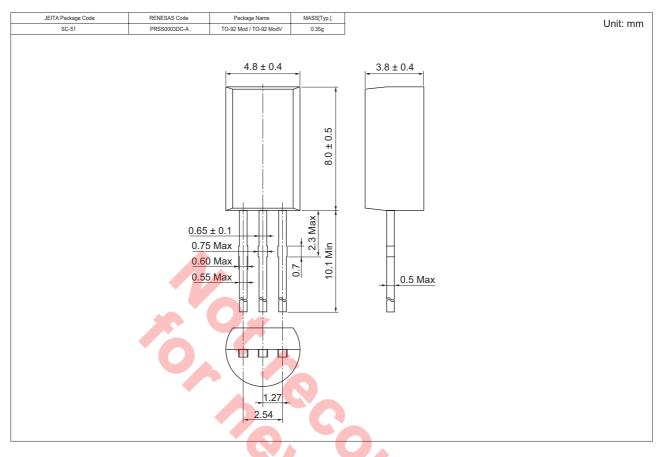
Main Characteristics





2SB562

Package Dimensions



Ordering Information

Part Name	Quantity	Shipping Container
2SB562BTZ-E	2500	Hold Box, Radial Taping
2SB562CTZ-E		

Note: For some grades, production may be terminated. Please contact the Renesas sales office to check the state of production before ordering the product.

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