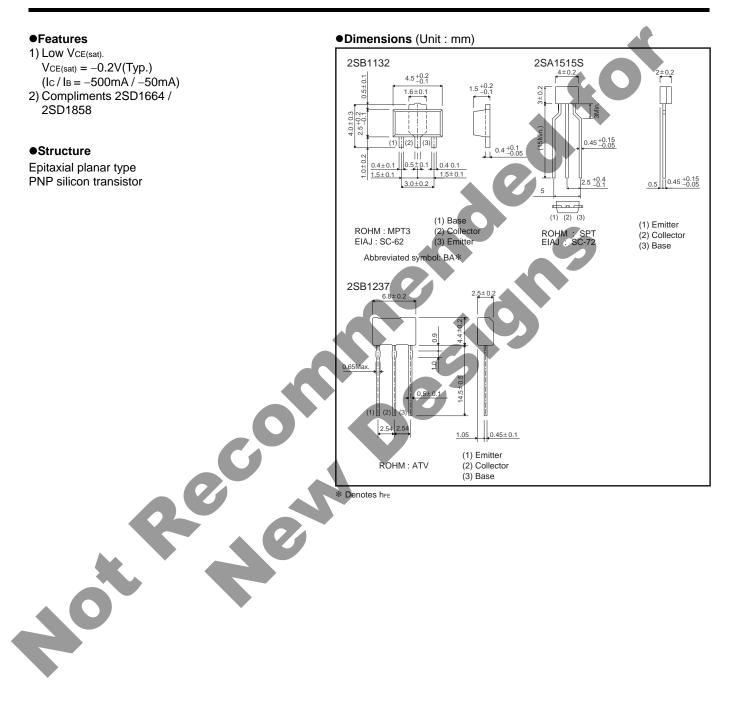


Medium Power Transistor (-32V, -1A)

2SB1132 / 2SA1515S / 2SB1237



•Absolute maximum ratings (Ta=25°C)

	xiiiiaiii ra	(1a=20 0	/	
Parameter		Symbol	Limits	Unit
Collector-base voltage		Vсво	-40	V
Collector-emitter voltage		Vceo	-32	V
Emitter-base voltage		Vево	-5	V
		lc	-1	A(DC)
Collector curren	Collector current		-2	A(Pulse) *1
	0004400	0.5		
Collector power	2SB1132	5	2	*2
dissipation	2SA1515S	Pc	0.3	W
	2SB1237		1	*3
Junction temperature		Tj	150	°C
Storage temperature		Tstg	-55 to +150	°C

•Electrical characteristics (Ta=25°C)

				-2		A(Pulse	e) *1		
	2SB1132			0.5					
Collector power		5		2		W	*2		
dissipation	2SA1515S	Pc		0.3		VV			
	2SB1237			1			*3		
Junction temper	ature	Tj		150		°C			
torage tempera	ature	Tstg	_	-55 to +1	50	°C			
Printed circuit be								X	
Pa	arameter		Symbol	Min.	Тур.	Max.	Unit	Conditions	
ollector-base b	reakdown v	oltage	ВУсво	-40	-	-	V	Ic= -50μA	
ollector-emitter	· breakdown	voltage	BVCEO	-32	-	-	V	lc= –1mA	~
nitter-base bre	akdown vol	tage	ВУево	-5	-	-	V	lε= -50μA	-
ollector cutoff of	current		Ісво	-	-	-0.5	μA	Vcb= -20V	-
mitter cutoff cu	rrent		Іево	-	-	-0.5	μA	VEB= -4V	-
ollector-emitter	saturation	voltage	VCE(sat)	-	-0.2	-0.5	V	Ic/IB= -500mA/-50mA *	-
C current	2SB113	2, 2SB1237	h	120		390	_	*	-
ansfer ratio	2SA151	5S	hfe	120		390	-	Vce=-3V, Ic=-0.1A	
ransition freque	ency		fτ		150	-	MHz	Vce= –5V, Ie=50mA, f=30MHz	-
utput capacita	nce		Cob	0-)	20	30	рF	Vсв= –10V, Iε=0A, f=1MHz	-
	ulco ourront					-			

* Measured using pulse current.

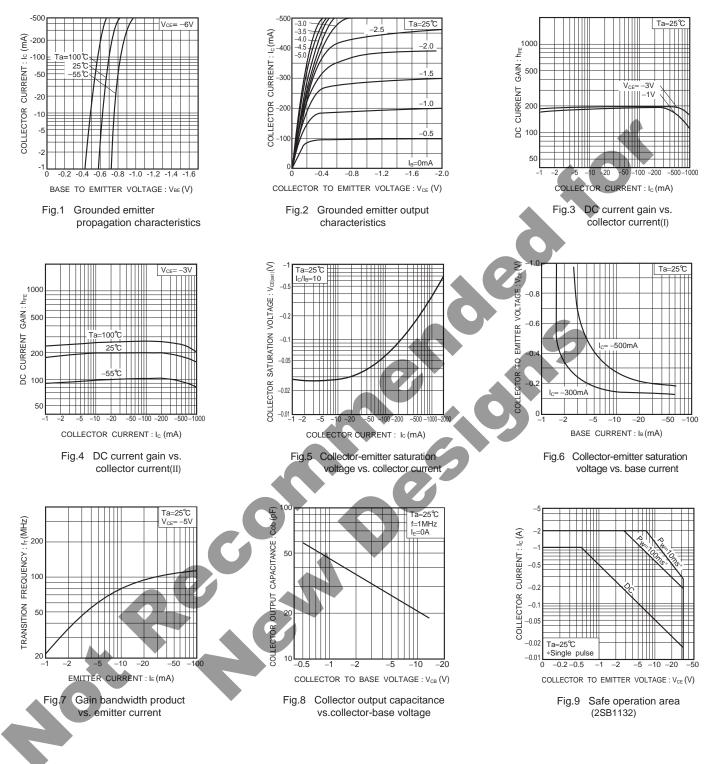
•Packaging specifications and hre

		Package		Taping	
		Code	T100	TP	TU2
Туре	hfe	Basic ordering unit (pieces)	1000	5000	2500
2SB1132	QR		0	-	-
2SA1515S	QR		_	0	-
2SB1237	QR		-	-	0

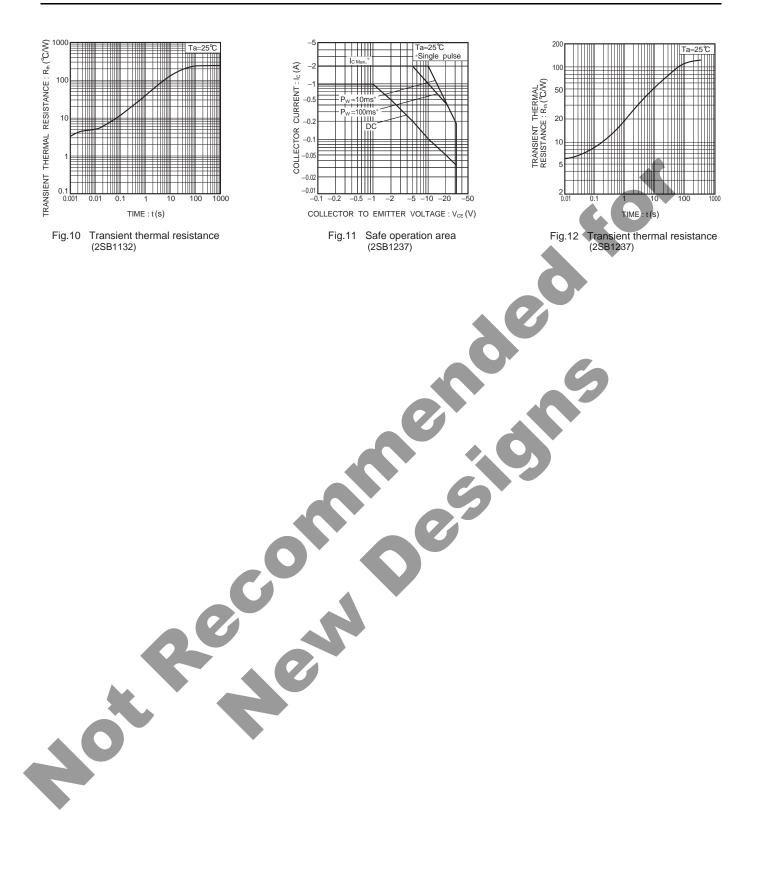
hre values are classified as follows :

Item	Q	R
hfe	120 to 270	180 to 390

•Electrical characteristics curves



2SB1132 / 2SA1515S / 2SB1237



	Notes
1)	The information contained herein is subject to change without notice.
2)	Before you use our Products, please contact our sales representative and verify the latest specifications :
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4)	Examples of application circuits, circuit constants and any other information contained herein are provided only to illustrate the standard usage and operations of the Products. The periphera conditions must be taken into account when designing circuits for mass production.
5)	The technical information specified herein is intended only to show the typical functions of and examples of application circuits for the Products. ROHM does not grant you, explicitly or implicitly any license to use or exercise intellectual property or other rights held by ROHM or any othe parties. ROHM shall have no responsibility whatsoever for any dispute arising out of the use of such technical information.
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7)	The Products specified in this document are not designed to be radiation tolerant.
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