●Packaging specifications and hFE

		Package	Taping	
		Code	TL	TV2
Туре	hfe	Basic ordering unit (pieces)	2500	2500
2SB1184	QR	-	0	_
2SB1243	QR		-	0

hfe values are classified as follows:

Item	Q	R	
hfE	120 to 270	180 to 390	

•Electrical characteristic curves

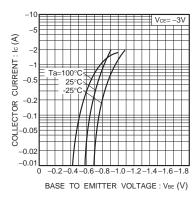


Fig.1 Grounded emitter propagation characteristics

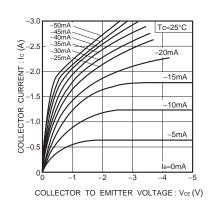


Fig.2 Grounded emitter output characteristics (I)

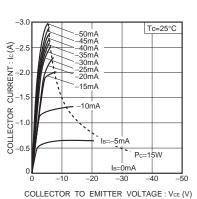


Fig.3 Grounded emitter output characteristics (II)

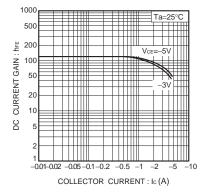


Fig.4 DC current gain vs. collector current (I)

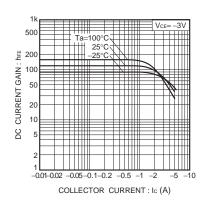


Fig.5 DC current gain vs. collector current (II)

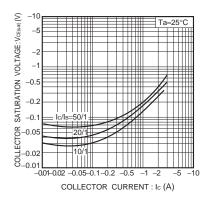


Fig.6 Collector-emitter saturation voltage vs.collector current

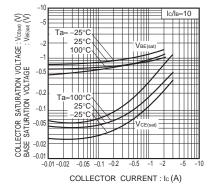


Fig.7 Collector-emitter saturation voltage vs. collector current
Base-emitter saturation voltage vs. collector current

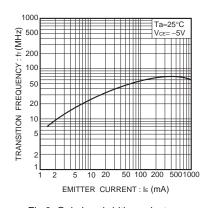


Fig.8 Gain bandwidth product vs. emitter current

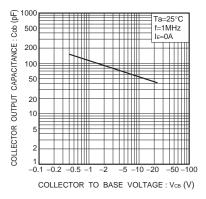


Fig.9 Collector output capacitance vs. collector base voltage

2SB1184 / 2SB1243 Data Sheet

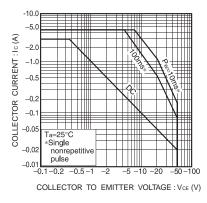


Fig.10 Safe operation area (2SB1184)

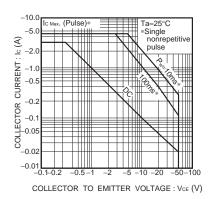


Fig.11 Safe operation area (2SB1243)

Notes

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