imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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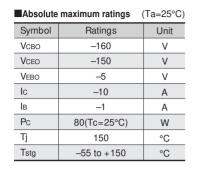


2SB1588



Silicon PNP Epitaxial Planar Transistor (Complement to type 2SD2439)

Application : Audio, Series Regulator and General Purpose External Dimensions FM100(TO3PF)



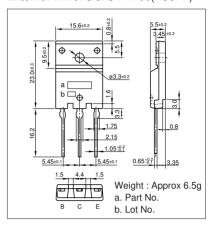
Darlington

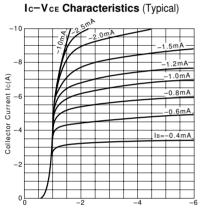
Electrical C	haracteristics	(Ta=25°C)				
Symbol	Conditions	Ratings	Unit			
Ісво	Vcb=-160V	-100max	μA			
Іево	VEB=-5V	-100max	μA			
V(BR)CEO	Ic=-30mA	—150min	V			
hfe	VCE=-4V, IC=-7A	5000min*				
VCE(sat)	Ic=-7A, IB=-7mA	–2.5max	V			
VBE(sat)	Ic=-7A, IB=-7mA	-3.0max	V			
fr	VCE=-12V, IE=2A	50typ	MHz			
Сов	Vcb=-10V, f=1MHz	230typ	рF			

*hFE Rank 0(5000 to 12000), P(6500 to 20000), Y(15000 to 30000)

Typical Switching Characteristics (Common Emitter)									

Vcc	RL	Ic	VBB1	VBB2	Iв1	I _{B2}	ton	tstg	tf
(V)	(Ω)	(A)	(V)	(V)	(mA)	(mA)	(μs)	(μs)	(μs)
-70	10	-7	-10	5	-7	7	0.8typ	3.0typ	1.2typ

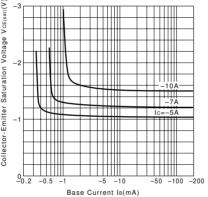




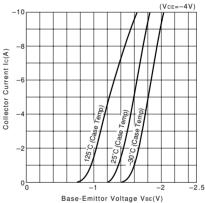
Collector-Emitter Voltage VcE(V)

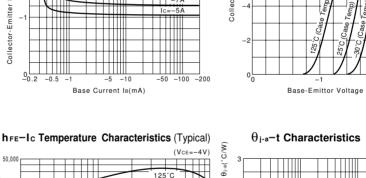


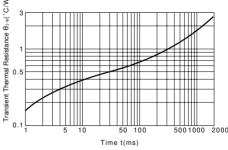
VCE(sat)-IB Characteristics (Typical)

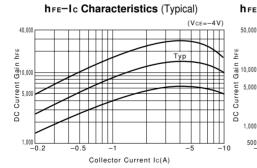


Ic-VBE Temperature Characteristics (Typical)

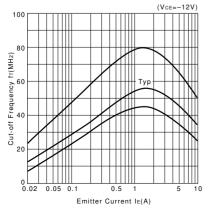








fT-IE Characteristics (Typical)

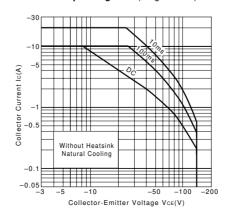


Safe Operating Area (Single Pulse)

Collector Current Ic(A)

25 ¦c

30



Pc-Ta Derating

