

2SB834I (3CA834I)

硅 PNP 半导体三极管/SILICON PNP TRANSISTOR

用途:用于音频功率放大。

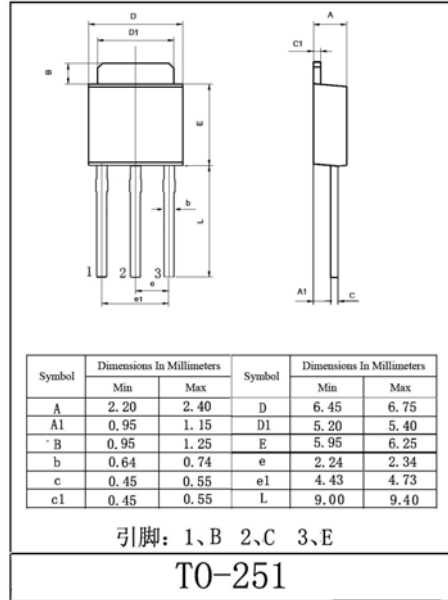
Purpose: Audio frequency power amplifier applications.

特点:饱和压降低,集电极耗散功率大,与 2SD880I (3DD880I) 互补。

Features: Low collector saturation voltage, collector power dissipation, complementary to 2SD880I (3DD880I)

极限参数/Absolute maximum ratings(Ta=25°C)

参数符号 Symbol	数值 Rating	单位 Unit
V <sub>CB0</sub>	-60	V
V <sub>CE0</sub>	-60	V
V <sub>EB0</sub>	-7.0	V
I <sub>C</sub>	-3.0	A
I <sub>B</sub>	-0.5	A
P <sub>C</sub>	1.0	W
T <sub>j</sub>	150	°C
T <sub>stg</sub>	-55~150	°C



电性能参数/Electrical characteristics(Ta=25°C)

参数符号 Symbol	测试条件 Test Condition	数值 Rating			单位 Unit
		最小值 Min	典型值 Typ	最大值 Max	
V <sub>CE0</sub>	I <sub>C</sub> =-50mA I <sub>B</sub> =0	-60			V
I <sub>CB0</sub>	V <sub>CB</sub> =-60V I <sub>E</sub> =0			-100	μA
I <sub>EB0</sub>	V <sub>EB</sub> =-7.0V I <sub>C</sub> =0			-100	μA
h <sub>FE(1)</sub>	V <sub>CE</sub> =-5.0V I <sub>C</sub> =-0.5A	60		300	
h <sub>FE(2)</sub>	V <sub>CE</sub> =-5.0V I <sub>C</sub> =-3.0A	20			
V <sub>CE(sat)</sub>	I <sub>C</sub> =-3.0A I <sub>B</sub> =-0.3A		-0.5	-1.0	V
V <sub>BE</sub>	V <sub>CE</sub> =-5.0V I <sub>C</sub> =-0.5A		-0.7	-1.0	V
f <sub>T</sub>	V <sub>CE</sub> =-5.0V I <sub>C</sub> =-0.5A		9.0		MHz
C <sub>ob</sub>	V <sub>CB</sub> =-10V I <sub>E</sub> =0 f=1.0MHz		150		pF
t <sub>on</sub>	-I <sub>B1</sub> =I <sub>B2</sub> =0.2A		0.4		μS
t <sub>stg</sub>			1.7		
t <sub>f</sub>			0.5		

h<sub>FE(1)</sub> 分档/ h<sub>FE(1)</sub> Classifications: 0:60~120 Y:100~200 GR:150~300

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