



2SB1295 (3CG1295)

硅 PNP 半导体三极管/SILICON PNP TRANSISTOR

用途:用于音频功率放大, 中速开关, 小型电机驱动。

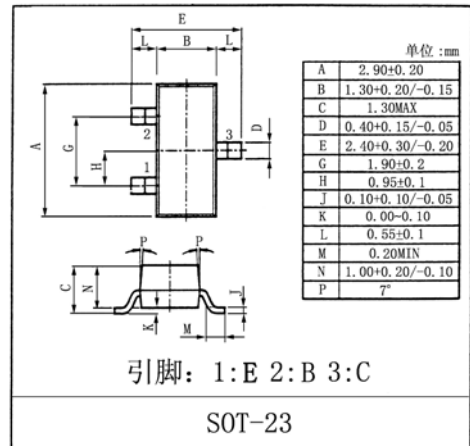
Purpose: AF power amplifier, medium-speed switching, small-sized motor drivers.

特点:电流容量大, 饱和压降低, 小封装尺寸使设备越来越小。

Features: Large current capacity, low collector to emitter saturation voltage,
very small-sized package permitting sets to be made smaller and slimer.

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

参数符号 Symbol	数值 Rating	单位 Unit
V _{CBO}	-15	V
V _{CEO}	-15	V
V _{EBO}	-5.0	V
I _C	-800	mA
I _{CP}	-3.0	A
P _C	200	mW
T _j	150	°C
T _{stg}	-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 _{CBO}	I _C =-10 μA	I _B =0	-15			V
V _{CEO}	I _C =-1.0mA	R _{BE} =∞	-15			V
V _{EBO}	I _E =-10 μA	I _C =0	-5.0			V
I _{CBO}	V _{CB} =-12V	I _E =0			-0.1	μA
I _{EBO}	V _{CE} =-4.0V	I _B =0			-0.1	μA
h _{FE(1)}	V _{CE} =-2.0V	I _C =-50mA	135		600	
h _{FE(2)}	V _{CE} =-2.0V	I _C =-800mA	80			
V _{CE(sat) (1)}	I _C =-5.0mA	I _B =-0.5mA		-0.01	-0.025	V
V _{CE(sat) (2)}	I _C =-400mA	I _B =-20mA		-0.1	-0.2	V
V _{BE(sat)}	I _C =-400mA	I _B =-20mA		-0.9	-1.2	V
f _T	V _{CB} =-2.0V	I _C =-50mA		300		MHz
C _{ob}	V _{CB} =-10V	f=1.0MHz		15		pF

h _{FE} 分档/h _{FE} Classifications	Q	P	K
h _{FE} 范围/h _{FE} Range	135~270	200~400	300~600
印章/Marking	HULQ	HULP	HULK



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