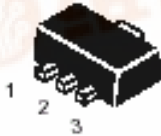


PNP TRANSISTOR

B1424
3.0A

SOT-89

1. Base
2. Collector
3. Emitter

- AF OUTPUT AMPLIFIER
- FOR DC-DC CONVERTER
- FOR CAMERA MOTOR DRIVER

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS (Ta=25°C)

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNIT	CONDITION
Collector-Emitter Breakdown Voltage	BV _{ceo}	-20			V	I _c =1mA
Collector-Base Breakdown Voltage	BV _{cbo}	-20			V	I _c =5μA
Emitter-Base Breakdown Voltage	BV _{ebo}	-6			V	I _e =50 μ A
Collector-Base Leakage	I _{cbo}			0.1	μA	V _{cb} =-10V
Emitter-Base Leakage	I _{ebo}			0.1	μA	V _{eb} =-5V
Collector-Emitter Saturation Voltage	V _{ce} (sat)			-0.5	V	I _c =2A I _b =0.1A
DC Current Gain	H _{fe} 1	80		390		V _{ce} =-2V, I _c =0.5A
Collector Current	I _c			3	A	
Peak Collector Current	I _{cp}			5	A(Pulse)	
Current Gain Bandwidth	f _r		240		MHz	V _{cb} =-2V, I _c =0.5A
Output Capacitance	C _{ob}			50	pF	V _{cb} =-10V, I _e =0, f=1MHz
Power Dissipation	P _c			0.75	W	
Junction Temperature	T _j			150	°C	
Storage Temperature	T _{stg}	-55		150	°C	


STANSON TECHNOLOGY

120 Bentley Square, Mountain View, Ca 94040 USA

TEL: (650) 9389294 FAX: (650) 9389295

