

گروه فنی مهندسی جوش و برش مقدم

اعتماد از شما کیفیت و تخصص از ما



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مشهد خیام شمالی 63 خیابان پردیس 3

برای کسب اطلاعات بیشتر بر روی لینک ها کلیک کنید

- 7 سال سابقه آموزش تعمیرات تخصصی دستگاه های جوش اینورتری تک فاز و 3 فاز
- 7 سال سابقه فروش قطعات الکترونیکی دستگاه جوش تک فاز و 3 فاز
- آموزش تخصصی تحلیل دستگاه های جوش اینورتری مختص ابراز فروشان
- آموزش تخصصی ابراز آلات شارژی

BC635/637/639

NPN EPITAXIAL SILICON TRANSISTOR

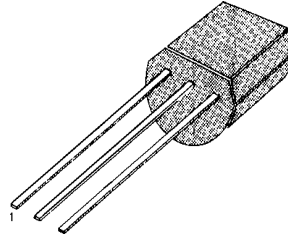
SWITCHING AND AMPLIFIER APPLICATIONS

- Complement to BC635/638/640

ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

Characteristic	Symbol	Rating	Unit
Collector Emitter Voltage at R _{BE} =1Kohm	V _{CER}	45 60 100	V
Collector Emitter Voltage	V _{CES}	45 60 100	V
Collector Emitter Voltage	V _{CEO}	45 60 80	V
Emitter Base Voltage	V _{EBO}	5	V
Collector Current	I _C	1	A
Peak Collector Current	I _{CP}	1.5	A
Base Current	I _B	100	mA
Collector Dissipation	P _C	1	W
Junction Temperature	T _J	150	°C
Storage Temperature	T _{STG}	-65 ~ 150	°C

TO-92

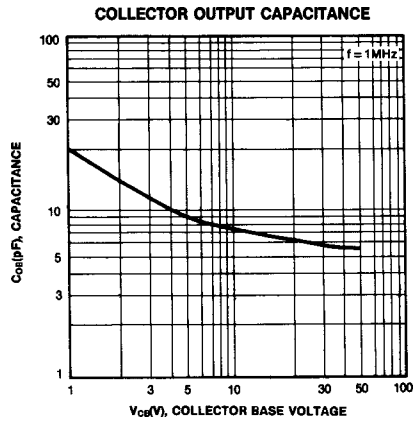
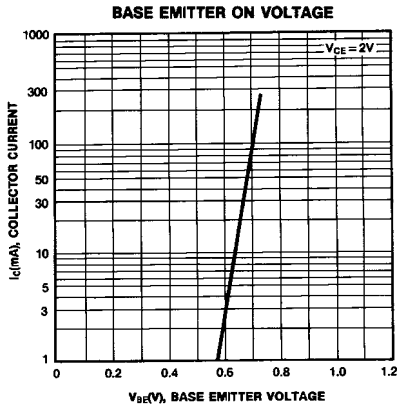
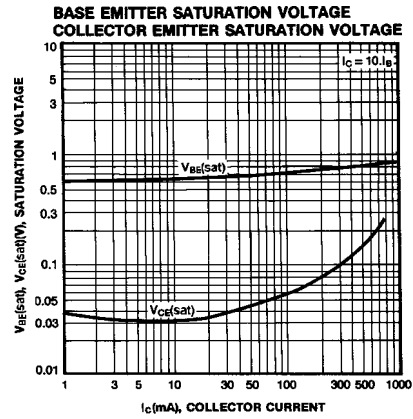
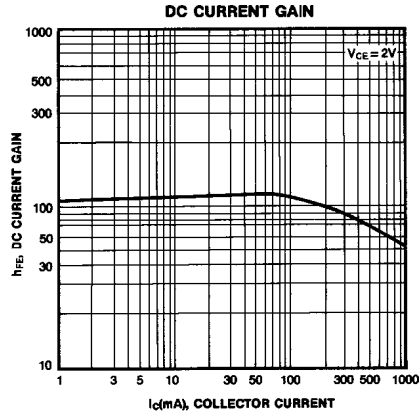
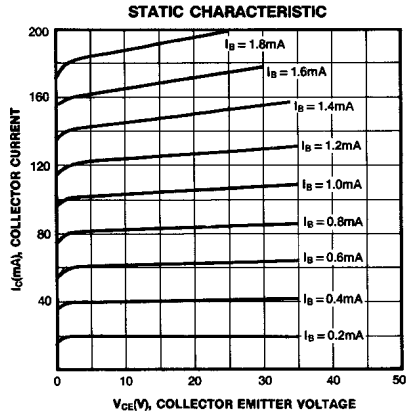


1. Emitter 2. Collector 3. Base

•PW=5ms, Duty Cycle=10%

ELECTRICAL CHARACTERISTICS (T_A=25°C)

Characteristic	Symbol	Test Conditions	Min	Typ	Max	Unit
Collector-Emitter Breakdown Voltage	BV _{CEO}	I _C =10mA, I _B =0	45 60 80			V
Collector Cut-off Current	I _{CBO}	V _{CB} =30V, I _E =0			0.1	μA
Emitter Cut-off Current	I _{EBO}	V _{EB} =5V, I _C =0			0.1	μA
DC Current Gain	h _{FE}	V _{CE} =2V, I _C =5mA	25 40 40 25		250 160	
Collector Emitter Saturation Voltage	V _{CE(sat)}	V _{CE} =2V, I _C =500mA			0.5	V
Base Emitter On Voltage	V _{BE(on)}	I _C =500mA, I _B =50mA			1	V
Current Gain Bandwidth Product	f _T	V _{CE} =2V, I _C =500mA		100		MHz
		V _{CE} =5V, I _C =10mA, f=50MHz				



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