



PNP Silicon High Voltage Transistor

Features

- Epoxy meets UL-94 V-0 flammability rating unless otherwise noted)

Item	Symbol	Unit	Conditions	Value
Collector-Base Voltage	V_{CBO}	V	$I_C=-100\mu A, I_E=0$	-300
Collector-Emitter Voltage	V_{CEO}	V	$I_C=-1mA, I_B=0$	-300
Emitter-Base Voltage	V_{EBO}	V	$I_E=-100\mu A, I_C=0$	-5
Collector Current	I_C	mA		-100
Collector Power Dissipation	P_C	mW		200
Operation Junction Temperature	T_J			-55 to +150

Storage Temperature T_{stg} -55 to +150

Collector-base breakdown voltage	V_{CBO}	V	$I_C=-100\mu A, I_E=0$	-300	
Collector-emitter breakdown voltage	V_{CEO}	V	$I_C=-1mA, I_B=0$	-300	
Emitter-base breakdown voltage	V_{EBO}	V	$I_E=-100\mu A, I_C=0$	-5	
Collector-base cut-off current	I_{CBO}	nA	$V_{CB}=-200V, I_E=0$		-250
Emitter-base cut-off current	I_{EBO}	nA	$V_{EB}=-200V, I_C=0$		-100
DC current gain	h_{FE}		$V_{CE}=5V, I_C=10mA$	mA 60	
	h_{FE}		$V_{CE}=5V, I_C=10mA$	0mA	100
	h_{FE}		$V_{CE}=5V, I_C=10mA$	0mA 60	

Collector-emitter saturation voltage $V_{CE(sat)}$



MMSTA92

RoHS
COMPLIANT

■Other Characteristics $T_a=25$ Unless otherwise specified

Item	Symbol	Unit	Conditions	Min	Max
Transition frequency	Ft	MHz	VCE=-20V, IC=-10mA, f=30MHz	50	

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v627 3DFNDJH 2XWOLQH 'LPHQVLRQV

v627 6ROGHULQJ)RRWSULQW



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