

Silicon PNP Transistors



- . With TO-220 package
- . Complementary to 2SC2562

[illegible]TO-220

SYMBOL	PARAMETER	CONDITIONS	MIN	Typ	MAX	UNIT
I_{CBO}	Collector-base cut-off current	$V_{CB}=-50V; I_E=0$			-1	μA
I_{EBO}	Emitter-base cut-off current	$V_{EB}=-5V; I_C=0$			-1	μA
I_{CEO}	Collector-emitter cut-off current					
V_{CBO}	Collector-base breakdown voltage					
$V_{(BR)ceo}$	Collector-emitter breakdown voltage	$I_C=-10mA; I_B=0$	-50			V
V_{EBO}	Emitter-base breakdown voltage					
$V_{CE(sat-1)}$	Collector-emitter saturation voltages	$I_C=-8A; I_B=-0.15A$		-0.2	-0.4	V
$V_{CE(sat-2)}$	Collector-emitter saturation voltages					
h_{FE-1}	Forward current transfer ratio	$I_C=-1A; V_{CE}=-1V$	70		240	
h_{FE-2}	Forward current transfer ratio	$I_C=-3A; V_{CE}=-1V$	30			
$V_{BE(sat)1}$	Base-emitter saturation voltages	$I_C=-8A; I_B=-0.15A$		-0.9	-1.2	V
$V_{BE(sat)2}$	Base-emitter saturation voltages					
C_{OB}	Collector Output Capacitance	$V_{CB}=-10V; I_E=0; f=1MHz$		70		pF
f_T	Transition frequency	$I_C=-1A; V_{CE}=-4V$		60		MHz