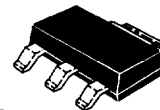


SOT-223 Devices

Maximum die size 80 mil x 100 mil



CASE 318E-04

Plastic-Encapsulated General Purpose Amplifiers

Pinout: 1-Base, 2-Collector, 3-Emitter, 4-Collector

Device	Marking	$V_{(BR)CEO}$	Min	$h_{FE} @ I_C$		mA
				Max		
NPN						
<i>BCP56T1</i>	BH	80	40	250		150

Pinout: 1-Gate, 2-Drain, 3-Source, 4-Drain

PNP						
<i>BCP53T1</i>	AH	80	40	25		150

Plastic-Encapsulated Switching Transistors

Pinout: 1-Base, 2-Collector, 3-Emitter, 4-Collector

Device	Marking	t_{on}	t_{off}	$V_{(BR)CEO}$	h_{FE}		f_T	
					Min	Max	@ I_C (mA)	Min (MHz)
NPN								
<i>PZT2222AT1</i>	P1F	35	285	40	100	300	20	300
PNP								
<i>PZT2907AT1</i>	P2F	45	100	60	100	300	50	200

Plastic-Encapsulated Darlingtontons

Pinout: 1-Base, 2-Collector, 3-Emitter, 4-Collector

Device	Marking	$V_{(BR)CER}$	$V_{CE(sat)}$ Max (V)	h_{FE}		@ I_C (mA)
				Min	Max	
NPN						
<i>BSP52T1</i>	AS3	80	1.3	2000	—	500
<i>PZTA14T1</i>	P1N	30	1.5	20k	—	100
PNP						
<i>BSP62T1</i>	BS3	90	1.3	2000	—	500
<i>PZTA64T1</i>	P2V	30	1.5	20k	—	100

See Packaging Information under Technical Data Section for reel size, quantity and ordering information.

Devices listed in bold, italic are Motorola preferred devices.