

TO-3 Power Package Transistors (NPN)

Type No.	Maximum Ratings							Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																
	V _{CEO} (V)	V _{CE0} (V)	V _{EBO} (V)	P _D (W)	I _C (A)	I _{CBO} (μA)	V _{CB} @ (V)	I _{CES} (μA)	V _{CE} @ (V)	h _{FE} @		I _C & V _{CE} (A) (V)		V _{CE(SAT)} (V) &		V _{BE(SAT)} (V)	I _C @ (A)	C _{ob} (pF)	f _i (MHz)			I _C (mA)		
	Min	Min	Min	@Tc=25°C		Max		Max	Max	Min	Max	Min	Max	Max	Min	Max	Max	Max	Max	Min	Typ	Max		
2SC1942	1500	800	6	50	3	10	600							5	0.8	1.5	2.5							
2SD1168	1500	400	6	50	5			1000	1500	9	25	1	4	1		1.5	2							
2SD1168P	1500	800	5	50	5			1000	1500	9	18	1	4	1		1.5	2							
2SD1168Q	1500	800	5	50	5			1000	1500	15	25	1	4	1		1.5	2							
2SD200	1500	700	5	10	2.5	1000	1500	1000	1500	2.5		2	5	5		1.5	2							
2SD869	1500	600	5	50	4	10	500			8		0.5	5	8			3					3	100	
2SD870	1500	600	5	50	5	10	500			8		1	5	5		1.5	4					4	100	
2SD871	1500	600	5	50	6	10	500			8		1	5	5		1.5	5					3	100	
BDY20	60	60	7	120	15					20	70	4	4	3			15			1			1000	
BDY38	50	40	7	115	6	1000	50	1000	50	30		2	4	0.7			2			1				
BDY55	100	60	7	117	15			\$5000	100	30		0.2	4	1.1			4			10			1000	
										20	70	4	4	2.5			10							
										10		10	4											
BDY73	60	60	7	115	15					50	150	4	4				15							
BU109	330	150	6	60	7			5000	330					1		1.2	5			10			500	
								100	200															
BU204	#1300	600	5	36	3			1000	1300	2.5		2	5	5		1.5	2	50				4	100	
BU205	#1500	700	5	36	2.5			1000	1500	2.5		2	5	5		1.5	2	50				8	100	
BU207	#1300	600	5	13	5			1000	1300	2.25		4.5	5	5		1.5	4.5	125				4	100	
BU208	#1500	700	5	13	5			1000	1500	2.25		4.5	5	5		1.5	4.5	125				4	100	
BU208A	#1500	700	5	80	5			1000	1500	2.5		4.5	5	5		1.5	4.5	125				4	100	
BU208D	#1500	700	5	80	5			1000	1500	8		1.5	5	1		1.5	4.5					4	100	
										2.25		4.5	5											
BU326	# 800	375	10	75	6			1000	800	**	25	1	5	1.5		1.4	2.5					6	200	
										3		1.6	4			1.6	4							
BU326A	# 900	400	10	75	6			1000	900	**	25	1	5	1.5		1.4	2.5					6	200	
										3		1.6	4			1.6	4							
BU608	400	200	6	90	7	100	330	\$5000	400					1.0		1.5	6			10			500	
CDN055	50	50	5	50	5	200	50			25	100	2	2	1			2							

#NOTE: V_{CEs}
 **: Typical Value
 \$: I_{CEV}

■ 2383394 0000930 023 ■