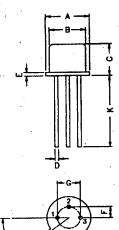
查询"2N1644"供应商





PIN CONFIGURATION
1. EMITTER

- 2. BASE 3. COLLECTOR

DIM	MIN	MAX
Α	8,50	9,39
В	7,74	8,50
C .	6,09	6,60
D	0,40	0,53
E	_	0,88
F	2,41	2,66
G	4,82	5,33
Н	0,71	0,86
J	0,73	1,02
K	12,7	
L	42 DEG	48 DEG

ALL DIMENSIONS ARE IN M.M.

TO-39 Metal-Can Package Transistors (NPN)

	Maxim	um Rat	ings								-					Elec	ctrical (Characteristic	s (Ta=25°	C, Unic	ess OI	herwis	se Spe	cified)	
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°c	I _C (A)	I _{CM} (A)	l _{CBO} (μΑ)· (Max	V _{CB} @ (V)	l _{ces} (μΑ) Max	V _{CE} @ (V)	h _{FE} Min	@ Max	I _с & (mA)	V _{CE} (V)	(V)	V _{BE(SAT)} & (V) Ain Max	I _C @ (mA	C _{ob} (pF) Min Max Typ	f _t (MHz) Min Tyj	@ p Max	l _c (mA)	t(off) (ns) Max	NF (dB) Max	@ Freq (MHz)	
2N656	60	60	8				10	30			30	90	200	10	4		200								1
2N657	100	100	8	1	0.5		10	30			30	90	200	10	4		200					-			
2N696	60	40	5	0.8	0.5		1	30			20	60	150	10	1.5	1.3	150	35							
2N697	60	40	5	0.6	0.5		1	30			40	120	150	10	1.5	1.3	150	35		•					
2N699	120	80	5	0.8	0.5		2 .	60			40 -	120	150	10	5	1.3	150	- 20	50		50				
2N1507	60	30	5	0.6	1		1	30			100	300	150	10	1.5		150	35		50			٠.		
2N1613	75	50	7	0.8	0.5		0.01	60			20 40 35	120	500 150 10	10 10 10	1.5	1.3	150	25	60		50		12	0.00	1
2N1644	60		5	2			1	30			40		0.1 150	10	1.5	1.3	150								
2N1711	75	50	7	0.8	1		0.01	60		<u>-</u> -	40 100 75 35 20	300	500 150 10 0.1 0.01	10 10 10 10 10	1.5	1.3	150	25	70		50		8		
2N1837	80	30	. 8	0.6	1	1	0.5	30			40	120	150	10	0.8	1.3	150	18							
2N1838	45	20	5	0.6	0.5		1.5	30			40	150	100	10	1.4	1.5	100	27							
2N1840	25	15	5	0.6		0.5	0.3	10			10 10	100	150 150	1.4 10	1.4	1.7	5 150	27							
2N1889	100	80	7	0.8			0.01	75			20 35 40	120	0.1 10 150	10 10 10	1.2 5	0.9 1.3		15	50		50				
2N1890	100	80	7	0.8	-		0.01	75			100	300	150	10	1.2 5	0.9 1.3		15	60 .		50				
2N1893	120	80	7	0.8	0.5	1	0.01	90			20 35 40	120	0.1 10 150	10 10 10	1.2 5	0.9 1.3		. 15	50		50				

2383394 0001330 525

TO-39 Metal-Can Package Transistors (NPN)



查询"2N1644"供应商

[•		**************************************					<u> </u>	<u> </u>
	Maxim	um Rai	tings		r				,						ı		ctrical C	Characteristi	cs (Ta=25°	C, Unle	ess Of	herwis	se Spe	cified)
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc≃25°c	I _C (A)	I _{CM} (A)	I _{сво} (µА) Мах	V _{CB} @ (V)	ces (µA) Max	V _{CE} @ (V)	h _{FE} Min	@ Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) & Max Mi		l _c @ (mA)	C _{ob} (pF) Min Max Ty	f, (MHz) p Min Tyr	@ Max	I _C (mA)	t(off) (ns) Max	NF (dB) Max	@ Freq (MHz)
2N1972	60	30	5	0.6			1	30			110	350	50	10	2	¥	50	25		50				:
2N1973	100	80	7	0.8			0.025	75			75		10	10	1.2		50	15		60				
2N1974	100	80	7	0.8			0.025	75			35		10	10	1.2		50	15		50				
2N1975	100	80	7	0.8			0.025	75			15		10	10	1.2		50	15		40				
2N1986	50	25	5	0.6	1		5	30			60 60	240	30 150	10 10	0.6 1.5	0.9 1.3		20 35						•
2N1987	50	25	5	0.6	1		5	30			20 20	80	30 150	10 10	0.6 1.5	0.9 1.3		20 35						
2N1988	100	45	5	0.6		1.	5	50			35	120	30	10	2	1	30	20						
2N1989	100	45	5	0.6		1	5	50			20	60	30	10	2	1	30	20						
2N1990	100		3	0.6							20		30	10	0.5	1	2							
2N2049	75	50	7	0.8	0.5		0.01	60			100	300	150	10	0.4		10	25		50		•	İ	,
2N2102	120	65	7	1	1		0.002	60			10 25 40	120	1000 500 150	10 10 10	0.5	1.1	150	15	60		50		6	0.001
							. •				35 20		10 0.1	10 10						•				
2N2192	60	40		0.8	. 1	. •	0.01	30			15 75 100	300	0.1 10 150	10 10 10	0.35	1.3	150	20	50		50			•
					-						35 15 70		500 1000 150	10 10 1										
2N2193	80	50	8	0.8	1 .		0.01	60			15 30 40 20 15 30	120	0.1 10 150 500 1000	10 10 10 10 10	0.35	1,3	150	20	50		50			
2N2194	60	40	5	0.8	1		0.01	30	÷		15 20 12 15	60	10 150 500 150	10 10 10	0.35	1.3	150	20	50		50			
2N2195	45	25	5	0.6		1	0.1	30			20 10		150 150	10	0.35	1.3	150	20	50		50			
2N2218	60	30	5	0.8	0.8		0.01	50			20 20 40 35 25 20	120	500 150 150 10 1 0.1	10 1 10 10 10	0.4 0.1 1.6	6 1.3 2.6		8	250		20			
2N2218A	75	40	6	0.8	0.8		0.01	60	* 0.01	. 60	20 25 35 40 20 25	120	0.1 1 10 150 150 500	10 10 10 10 1	0.3 0.1 1	6 1.2 2	150 500	. 8	300		20			
2N2219	. 60	30	5	0.8	0.8		0.01	50			35 50 75 100 50 30	300	0.1 1 10 150 150 500	10 10 10 10 1	0.4 0.1 1.6	6 1.3 2.6	150 500	8	250		20			· .

* NOTE : I_{CEX}

2383394 0001331 461 **23**

CDIL TO-39 Metal-Can Package Transistors (NPN)

查询"2N1644"供应商

	Maxim	um Rai	ings						-								Elect	rical C	haracteristic	es (Ta=2	25°C, Un	ess O	herwi	se Spe	cified)
Type No.	V _{C80} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°c	I _C (A)	I _{CM} (A)	Ι _{CBO} (μΑ) Max	V _{CB} @ (V)	l _{CES} (μΑ) Max	V _{CE} @ (V)	h _{FE} Min	@ Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max	& ·	(SAT) (V) Max	l _C @ (mA)	C _{ob} (pF) Min Max Typ	f, (MHz) Min		l _c (mA)	t(off) (ns) Max	NF (dB) Max	@ Freq (MHz)
2N2219A	75	40	6	0.8	0.8		0.01	60	* 0.01	60	35 50 75 100 50 40	300	0.1 1 10 150 150 500	10 10 10 10 10	0.3	0.6	1.2	150 500	8	300	•	20		-	
2N2243	120	80	7	0.8	1		0.01	60			15 40 30 30 30	120	500 150 10 150 0.1	10 10 10 1 1	0.35		1.3	150	15	50		50			
2N2270	60	45	7	1	1	,	0.05	60			50 30	200	150	10 10	0.9		1.2	150	15	100		50		10	0.001
2N2440	120	80	7	0.8	0.5		0.001	90			35 100	300	0.1 150	10 10	0.4 3		0.9 1.3	50 150	15						•.
2N3019	140	. 80	7	0.8		1	0.01	90			50 90 100 50 15	300	0.1 10 150 500	10 10 10 10	0.2 0.5		1.1	150 · 500	12	100	400	50		4	0.001
2N3020	140	80	7	0.8		1	0.01	90			30 40 40 30 15	100 120 120 100	0.1 10 150 500 1000	10 10 10 10	0.2		1.1	150 500	12	80	· .	50			
2N3053	60	40	5	5	0.7				* 0.25	30	50 25	250	150 150	10 2.5	1.4		1.7	150	15		100	50	:		
2N3300	60	30	5	0.8	0.5				0.01	50	50 50 100 75 50 35	300	500 150 150 10 1 0.1	10 1 10 10 10 10	0.22		1.1 1.5	150 500	8	250		50 .	150		•
2N3440	300	250	7	1	1		20	360			40	160	20	10	0.5		1.3	50	10		15	10			
2N3498	100	100	6	1.0	0.5		0.05	50			20 25 35 40 15 95	120	0.1 1 10 150 500 300	10 10 10 10 10 10	0.6 0.2 0.25		1,4 0.8 0.9	300 10 50	10	150		20			
2N3499	100	100	6	1	0.5		0.05	50			35 50 75 100 20 20	300	0.1 1 10 150 500 300	10 10 10 10 10	0.2 0.25 0.6			10 50 300	10	150		20			
2N3500	150	150	6	1 .	0.3		0.05	75			20 25 35 40 15	120	0.1 1 10 150 300 500	10 10 10 10 10	0.2 0.25 0.4		0.8 0.9 1.2	10 50 150	. 8	150		20			

* NOTE : I_{CEX}

■ 87E SEE4000 4PEE8ES ■

TO-39 Metal-Can Package Transistors (NPN)



查询"2N1644"供应商

	Maxim	um Rai	ings						····							Ele	ctrical C	haracteristic	s (Ta=25°C	, Unle	sș Ot	herwis	e Spe	cified)
Type No.	V _{CBO} (V)	V _{CEO} (V) Min	V _{EBO} (V)	P _D (W) @Tc=25°c	I _c (A)	I _{CM} (A)	l _{CBO} (μΑ) Max	V _{CB} @ (V)	l _{ces} (μΑ) Max	V _{ĆE} @ (V)	h _{FE} Min	@ Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) & Max Mi			C _{ob} (pF) Min Max Typ	f, (MHz) Min Typ	@ Max	I _C (mA)	t(off) (ns) Max	NF (dB) Max	@ Freq (MHz)
2N3501	150	150	6	1	0.3		0.05	75		•	35 50 100 20 75 20	300	0.1 1 150 300 10 500	10 10 10 10 10	0.4 0.2 0.25	1.2 0.8 0.9	10	8	150	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	20			
2N3678	75	55	6	0.8	0.8		0.01	60			25 20 40 35 25 20	120	500 150 150 10 1 0.1	10 10 10 10 10	0.4 .	6 1.2 2	150 500					250		
2N3742	300	300	7	1	0.05		0.2	200			10 15 20 20	200	3 10 30 50	10 10 10 20	0.75	1 1.2	10 9 30	6	30		10			
2N4237	50	40	6	1	: 1		0.01	50			15 30 30 30	150	1000 500 250 50	1 1 1	0.6	1.5	5 1000 500	100						
2N4926	200	200	7	1	0.05		0.1	100	·		10 15 20 20	200	3 10 30 50	10 10 10 20	1 2	1.5	30		30	300	10	·		
2N5320	100	75	7	10	2			•	*100	100	30 10	130	500 1000	2	0.5	1.1						800		
2N5321 2N5681	75 100	100	4	10	2		1	100	*100	75 100	40 5 40	250 150	500 1000 250	2 2	0.8 0.6 1 - 2	1.4	250 500 1	50	30		100	800		
2N5682	120	120	4	1	1		1	120	• 1	120	5 40	150	1000 250	2	0.6		250 500	50	30		100			
BC140 BC140-6	80	40	7	0.8	1			. •	0.1	60	40	400 100	100 100	1	1	•	1000	25 25	50 50	•	50 50	850 850		
BC140-10	80	40	7	0.8	1				0.1	. 60	63	160	100	1	1		1000	25	50		50	850		
BC140-16 BC141	100	40 60	7	0.8	1				0.1	60 60	40	250 400	100	1	1		1000	25	50 50		50	850 850		
BC141-6 BC141-10	100	60	7	0.8	1				0.1	60 60	40 63	100 160	100	.1	1		1000	25 25	50 50		50 50	850 850		
BC141-16		60	7	0.8	1				0.1	60	100	250	100	1	1		1000	25	50		50	850		
BC300-4	120 120	80	7	0.85	0.5			120			40	240 80	150 150	10	0.5		150		100	400 400	50 50			
BC300-5	120	. 80	7	0.85	0.5		0.02	120			70	140	150	10	0.5		150		100	400	50			

* NOTE : ICEX

2383394 0001333 234 📼

CDIL TO-39 Metal-Can Package Transistors (NPN)

查询"2N1644"供应商

	Maxim	um Rat	ings			. •										Ele	etrical (haracteristic	s (Ta=25°	C, Unit	ess Ot	herwi	se Spe	cified)
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°c	l _c (A)	I _{CM} (A)	l _{cso} (μΑ) Max	V _{CB} @ (V)	I _{CES} (μΑ) Max	V _{CE} @ (V)	h _{FE} Min	@ Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} V (V) & Max Min	BE(SAT) (V) Max	I _C @ (mA)	C _{ob} (pF) Min Max Typ	f, (MHz) Min Tyr	@ Max	(mA)	t(off) (ns) Max	NF (dB) Max	@ Freq (MHz
BC300-6	120	80	7	0.85	0.5		0.02	120			120	240	150	10	0.5		150		100	400				
BC301	90	60	7	0.85	0.5		0.02	90			40	240	150	10	0.5		150		100	. 400	50			
BC301-4	90	60	7	0.85	0.5		0.02	90			40	80	150	10	0.5		150		100	400	50			
BC301-5	90	60	7	0.85	0.5		0.02	90			70	140	150	10	0.5	•	150		100 .	400	50			
BC301-6	90	60	- 7	0.85	0.5		0.02	90		•	120	240	150	10	0.5		150		100	400	50			
BC302	60	45	7	0.85	0.5		0.02	60			40	240	150	10	0.5		150	•	100	400	50			
BC302-4	60	45	7	0.85	0.5		0.02	60			40	80	150	10	0.5		150		100	400	50			
BC302-5	60	45	7	0.85	0.5		0.02	60			70	140	150	10	0.5		150		100	400	50			
BC302-6	60	45	7	0.85	0.5		0.02	60			120	240	150	10	0.5		150		100	400	50			Ş.,
BD115	245	180	5	0.875	0.2				. *		22		50	10	9		100							-
BF257	160	160	5	1	0.1		0.05	100			25		30	10	1		30	3.5	110	•	30		3.5	
BF258	250	250	- 5	1	0.1		0.05	200			25		30	10	1.		30			110	.30			
BF259	300	300	5	1	0.1		0.05	250			25		30	10	1		30			110	30	·		
BF336	185	180	5	0.8		0.2					20		30	10				٠	80 130		30			
BF337	250	200	-5	0.8		0.2					20		30	10			•		80		30			
BF338	300	225	5	0.8	0.2						20		30	10			•		80 130		30			
BFX84	45	45	6	0.8	1		0.5	100			15		1000	10 .	0.15	1.2	10	12	50		50	360		
							,				20 30 20		500 150 10	10 10 10	0.35	1.3 1.5 2	150 500	• ,						
BFX85	100	60	6	0.8	1		0.5	100			15		1000	10	1.6 0.15	1.2	1000	12	50		٠,			
DI 700		00	Ü	0.0	'		0.05	80	: 5		30 70		500 150	10 10	0.15 0.35 1	1.2 1.3 1.5	150 . 500	. 12	50		50			
•		*								-	50		10	10	1.6	2	1000							
BFX86	45	45	6	0.8	1		0.05	30			15 30		1000 500	10 10	0.15 0.35	1.2 1.3	10 150	12	50		50	360		
											70 50		150	10	1	1.5	500 1000		,					
BFY50	80	35	6	8.0	1		0.05	.60			20		10	6	0.2		150	12	60		50			
											30 15		150 1000	. 6 6	1	2	1000							
BFY51	60	30	6	0.8	1		0.05	40			30		10	6	0.35		150	12	50		50			
											40 15		150 1000	6 6	1.6	2	1000							
BFY52	40	20	6	0.8	1		0.05	30			30		10	6	0.35		150	12	50		50			
							,		,		60 15		150 1000	6	1.6	2	1000							
BFY56	85	45	7	0.8	1				0.0	2 50	15		0.1		0.3		150	25	40	-	50			
									-		20 30	150	500 150	10 1	1.2		1000							

2383394 0001334 170

TO-39 Metal-Can Package Transistors (NPN)



查询"2N1644"供应商

	Maxim	um Rat	ings														Elect	trical C	haracteristic	s (Ta=25°C,	Unle	ss Oti	herwis	e Spe	cified)
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°c	l _c (A)	I _{CM} (A)	I _{CBO} (μΑ) Max	V _{CB} @ (V)	l _{ces} (µA) Max	V _{CE} @ (V)	h _{FE} .	@ Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE} & Min	e(sat) (V) Max	I _C @ (mA)	C _{ob} (pF) Min Max Typ	f _t (MHz) Min Typ	@ Max		t(off) (ns) Max	NF (dB) Max	@ Freq (MHz)
BFY72	50	28	5	0.8	0.7		0.04	20			15		0.1		0.25		1.2	150 500	8	50		50			
											20 30 40 15	150	1 10 150 500	10 10 10 10	0.7		1.6	500			٠.				
BSX45	# 80	40	. 7	1	1				0.01	60	40	250	100	10	1			1000	25	50		50	850		
3SX45-6	# 80	40	7	1	1				0.01		10		0.1	1	1	•		1000	25	50		50	850		
						,			<u>.</u>		40 15	100	100 500	1											
BSX45-10	# 80	40	7.	1	1		,		0.01	60	15 63 25	160	0.1 100 500	1 1 1	1			1000	25	50		50	850		
3SX45-16	# 80	40	7	1	1				0.01	60	25 100 35	250	0.1 100 500	1 1	1			1000	25	50		50	850		
BSX46	# 100	60	7	1	1				0.01	60	40	250	100	1	1			1000	20	50		50	850		
BSX46-6	# 100	60	7	1	1			٠	0.01	60	10 40 15	100	0.1 100 500	1 1 1	1			1000	20	50		50	850		
3SX46-10	# 100	60	7	1	1				0.01	60	15 63 25	160	0.1 100 500	1 1 1	1			1000	20	50		50	850		,
B\$X46-16	# 100	60	7	1	1				0.01	- 60	25 100 35	250	0.1 100 500	1 1 1	1			1000	20	50		50	850		•
BSX47	# 120	80	7	1	1				0.01	80	40	250	100	1	i			1000	15	50		50	850		
BSX47-6	# 120	80	7	1	**				0.01	80	1 40 15	100	0.1 100 500	1 1 1	1			1000	15	50		50	850		· ·
BSX47-10	# 120	80	7	1	1				0.01	80	15 63 25	160	0.1 100 500	1 1 1	1			1000	15	50		50	850		
BSX47-16	# 120	80	7	1	1				0.01	80	25 100 35	250	0.1 100 500	1 1 1	1			1000	1 5	50		50	850		
BSX62	# 60	40	5	5	3				0.1	40	40	250	1000	1	0.8 0.7			2000 1000	70	30		300			
BSX62-6	# 60	40	5	5	3				0.1	40	30 40 25		100 1000 2000	1 1 5	0.8 0.7			2000 1000	70	30		200			
BSX62-10	# 60	40	5	5	3				0.1	40	30 63 25	160	100 1000 2000	1 1 5	0.8 0.7			2000 1000	70	30		200			
BSX62-16	# 60	40	5	5	3				0.1	40	30 100 25	250	100 1000 2000	1 1 5	0.8			2000 1000	70	30		200			
BSX63	# 80	60	5	5	3				.0.1	60	4	250	1000	1	0.8 0.7		1.3	2000 1000	70	30		200			

NOTE : Vos

2383394 0001335 007

CDIL TO-39 Metal-Can Package Transistors (NPN)

查询"2N1644"供应商

	Maxim	um Rat	ings					٠.									Elect	rical C	haracteristic	s (Ta=25°C	. Unless O	therwi	se Spe	cified)
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°c	I _C (A)	I _{CM} (A)	I _{CBO} (μΑ) Max	V _{CB} @ (V)	l _{ces} (μΑ) Max	V _{CE} @ (V)	h _{FE} Min	@ Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(S}	AD.	I _C @ (mA)	Cob	f _t (MHz)	Ø I _C (mA)	t(off)	NF (dB) Max	@ Freq (MHz)
BSX63-6	# 80	60	5	5	3	•			0.1	60	30 40 25	100	100 1000 2000	1 1 5	0.8 0.7		1.3 1		70	30	200			
BSX63-10	# 80	60	5	5	3				0.1	60	30 63 25	160	100 1000 2000	1 1 5	0.8 0.7		1.3 <i>1</i>	2000 1000	70	30	200			
BSX63-16	# 80	60	5	5	3				0.1	60	30 100 25	250	100 1000 2000	1 1 5	0.8 0.7			2000 1000	70	30	200			
BSY51	60	35	5	0.8	0.5				0.1	30	40	120	150	10	1		1.3	150	9	130	50			
BSY52	60	25	5	0.8	0.5				0.1	30	100	300	150	10	1		1.3	150	9	130	50			, .
BSY53	75	30	7	0.8	0.75				0.01	60	20 35 40 20	120	0.1 10 150 500	10 10 10 10	0.6 1.2		1.2	150 500		150	50			
BSY54	75	30	7	0.8	0.75				0.01	60	35 75 100 40	300	0.1 10 150 500	10 10 10 10	0.6		1.3	150		150	50	-		
CL21	20	20	5	0.75			0.5	15			150	350	100	3	0.6			150			80			
CL100	60	50	5	0.8		1	0.05	40			50	280	150	10	0.6			150						
CL150	35	30	5	0.8			0.05	25			50	280	150	1	0.6			150						

NOTE : V_{CES}

TO-39 Metal-Can Package Transistors (PNP)



查询"2N1644"供应商

	Maxim	um Rai	tings												<u></u>		Elec	trical C	haracteris	tics	(Ta=25	°C, Unl	ess Ot	herwi	se Spe	cified)
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°c	I _C (A)	I _{CM} (A)	I _{CBO} (μΑ) Max	V _{CB} @ (V)	l _{CES} (μΑ) Max	V _{CE} @ (V)	h _{FE} Min	@ Max	l _c & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _B & Min	E(SAT) (V) Max	l _C @ (mA)	C _{ob} (pF) Min Max T	ур	f _t (MHz) Min Ty	@ /p Max	I _C (mA)	t(off) (ns) Max	NF (dB) Max	@ Freq (MHz)
2N2904	60	40	5	0.6	0.6		0.02	50	,		20 40 35 25 20	120	500 150 10 1 0.1	10 10 10 10 10	0.4 1.6		1.3 2.6	150 500	8		200		50	100		
2N2904A	60	60	5	0.6	0.6		0.01	50	. •		40 40 40 40 40	120	500 150 10 1 0.1	10 10 10 10	0.4 1.6		1.3 2.6	150 500	8		200		50	100		
2N2905	60	40	5	0.6	0.6		0.02	50			30 100 75 50 35	300	500 150 10 1 0.1	10 10 10 10 10	0.4 1.6	٠.	1.3 2.6	150 500	. 8		200		50	100	,	
2N2905A	60	60	5	0.6	0.6		0.01	50			50 100 100 100 100 75	300	500 150 10 1 0.1	10 10 10 10	0.4 1.6		1.3 2.6	150 500	8		200		50	100		
2N3072	60	60	4	0.8	0.5	. '			0.01	1 30	15 30	130	300 50	2	0.25 1		1.2	50 300	10		130		50	100		
2N3073	60	60	4						0.01	1 30	15 30	130	300 50	2 1	0.25 1		1.2 2	50 300	10		130		50	100		
2N3502	45	45	5	0.6	0.6		0.01	30			50 100 140 135 120 80	300	500 150 10 1 0.1 0.01	10 10 10 10 10	0.25 0.4 1.6	•	1 1.3 2	50 150 500	8		200		50	100	4	
2N3503	60	60	5	0.6	0.6		0.01	50			50 100 140 135 120 80	300	500 150 10 1 0.1 0.01	10 10 10 10 10 10	0.25 0.4 1.6	t	1 1.3 2	50 150 500	8		200		50	100	4	
2N3635	140	140	5	1	1		0.1	100			80 90 100 100 50	300	0.1 1 10 50 150	10 10 10 10 10	0.3 0.5	0.65	0.8 0.9	10 50	10		200		30	600	3	0.001
2N3636	175	175	5	1	1		0.1	100			40 45 50 50 25	150	0.1 1 10 50 150	10 10 10 10	0.3 0.5	0.65	0.8	10 50	10		150		30	600	3	0.001
2N3637	175	175	5	1	1		0.1	100			80 90 100 100 50	300	0.1 1 10 50 150	10 10 10 10	0.3 0.5	0.65	0.8	10 50	10		200		30	600	3	0.001
2N4030	60	60	5	0.8		1	0.05	50	-		15 25 40 30	120	1000 500 100 0.1	5 5 5 5	1 0.5 0.15		0.9	1000 500 150	20							-

🔤 2383394 0001337 98T 🔤

CDTL TO-39 Metal-Can Package Transistors (PNP)

查询"2N1644"供应商

	Maxim	um Rat	inas			•	<u> </u>								····	Flor	trical C	haracteris	tics	/Ta-25	C Hali		honvi	ea Cnr	acifical
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _D (W) @Tc=25°c	I _C (A)	I _{CM} (A)	I _{сво} (µA) Мах	V _{CB} @ (V)	l _{ces} (μΑ) Max	V _{CE} @ (V)	h _{FE}	@ Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} V (V) & Max Min	BE(SAT)	I _c @ (mA)	C _{ob}		f _t (MHz)	• @	I _c (mA)	t(off)		@ Fred
2N4031	80	80	5	0.8		1	0.05	60		-	10 25 40 30	120	1000 500 100 0.1	5 5 5 5	0.5 0.15	0.9	500 150	20							
2N4032	60	60	5	0.8		1	0.05	50			40 70 100 75	300	1000 500 100 0.1	5 5 5 5	1 0.5 0.15	0.9	1000 500 150	20		• •	٠ .				
2N4033	80	80	5	0.8		1	0.05	60			25 70 100 75	300	1000 500 100 0.1	5 5 5	0.5 0.15	0.9	500 150	20			-	,			<i>;</i>
2N4036	90	65	7	1	1		0.02	90			20 40 20	140	500 150 0.1	10 10 10	0.65	1.4	150	700							
2N4037	60 ⁻	40	7	1	1		0.25	60			50 15	250	150 1	10 10	1.4		150								
2N4314	90	65		1	1		0.25	60			50 15	250	150 1	10 10	1.4	•	150	30		60	+1	50	-		
2N5322	100	75	7	1 -					*100	100	30 10	130	500 1000	4 2	0.7	. 1.1	500						1000		
2N5323	75	50	5	10	2				*100	75	40	250	500	4	1.2	1.4	500			. :			1000		
2N5415 2N5416	350	300	4 6.	1	1		50 50	175 280			30	150	50	10				15					,		
2N5679	100	100	4	1	1		1 .	100	* 1	100	5 40	150	1 250	2 2	0.6 1 2		250 500 1000	50	-	30		100			
2N5680	120	120	4		1		1	120	* 1	120	5 40	150	1000 250	2 2	0.6 1 2		250 500 1000	50	-	30		100	10		
BC160	40	40	5	0.8	1				0.1	40	40	400	100	. 1	1		1000	30		50		50	650		
BC160-6	40	40	5	0.8	1				0.1	40	40	100	100	1	1	•	1000	25		50		50	850		
BC160-10	40	40	5	0.8	1			,	0.1	40	63	160	100	1	1		1000	25		50		50	850		
BC160-16	40	40	5	0.8	1				0.1	40	100	250		1	1		1000	25		50		50	850	1	
BC161 BC161-6	60 60	60 60	5	0.8	1				0.1	60	40	400	100	1	1		1000	30		50		1	650		
BC161-10	60	60	5	0.8	1 1				0.1	60	63	100	100	1	1		1000	25 25	. •	50 .		50	850		
BC161-16	60	60	5	0.8	1				0.1	. 60	100	250	100	1	1 .		1000	30		50 50		50 50	850 650		
BC303	85	60	. 7	0.85	0.5		0.02	85		-	40	240	150	10	0.65		150			75	400	50			
BC303-4	-85	60	7	0.85	0.5		0.02	85			40	80	150	10	0.65		150			75	400	50			
BC303-5	85	60	7	0.85	0.5		0.02	85			70		150	10	0.65		150			75	400	50			

* NOTE : I_{CES}

2383394 0001338 816

TO-39 Metal-Can Package Transistors (PNP)



查询"2N1644"供应商

	Maxim	um Ra	tings				•									Elec	ctrical C	Characteristic	s (Ta=25°C	, Unle	ss Ot	herwi	se Spo	cified)
Type No.	V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	P _p (W) @Tc=25°c	I _c (A)	I _{CM} (A)	l _{cBO} (μA) Max	V _{CB} @ (V)	I _{ces} (μΑ) Max	V _{CE} @ (V)	h _{FE} Min	@ Max	I _c & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max	V _{BE(SAT)} & (V) Min Max	I _C @ (mA)	C _{ob} (pF) Min Max Typ	f, (MHz) Min Typ	@ Max	I _C (mA)	t(off) (ns) Max	NF (dB) Max	@ Freq (MHz
BC303-6	85	60	7	0.85	0.5		0.02	85			120	240	150	10	0.65		150		75	400	50			-
BC304	60	45	7	0.85	0.5		0.02	60			40	240	150	10	0.65		150		75	400	50			
BC304-4	60	45	7	0.85	0.5		0.02	60			40	80	150	10	0.65		150		75	400	50			
BC304-5	60	45	7	0.85	0.5		0.02	60			70	140	150	10	0.65		150		75	400	50	,		
BC304-6	60	45	7	0.85	0.5	·	0.02	60			120	240	150	10	0.65		150		75	400	50			
BFX29	20	15	5	0.5	0.6		0.05	50	٠		40 50 50 40 20		150 50 10 1 0.1	10 10 10 10 10	0.4	1.3 0.9	150 30	12	100		50	.150		
BFX30	65	65	5	0.5	0.6		0.05	50			10 20 50 40	200	150 50 10	0.4 0.4 0.4 0.4		0.9 1.3	30 150	12				290		
BFX38	55	55	5	0.8			0.05	40			60 85 60 30		0.1 100 500 1000	5 5 5 5	0.15 0.5	0.9 1.1	150 500	20	100		50	350		
BFX40	75	75	5	0.8	1.		0.05	50	· :		60 85 60 25		0.1 100 500 1000	5 5 5	0.15 0.5	0.9 1.1	150 500	20	100		50	350		
BFX41	75	75	5	0.8	1		0.05	50			35 40 25 10		0.1 100 500 1000	5 5 5 5	0.15 0.5	0.9 1.1	150 500	20	100		50			
BFX87	45	50	6	0.6	0.6		0.05	40			25 40 40 40		500 150 10	10 10 10 10	0.4	1.3	150 30	12	100		50	150		
BFX88	45	40	6	0.8	8.0		0.05	30			25 40 40 40		500 150 10	10 10 10 10	0.4	1.3 0.9	150 30	12	100	•	50	150		
CK100	60	50	5	0.8	1	Ì	0.05	40			50	280	150	10	0.6		150							
CK150	35	30	5	0.8		.	0.05	25			50 -	280	150	1	0.6		150	-						

2383394 0001339 752