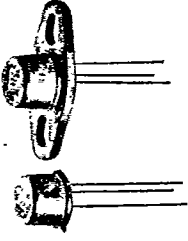


TO-39



(16) TO-39 PACKAGE SERIES

Application

Type No.		IC (A)	V _{CEO} (V)	P _C T _a =25°C T _C =25°C (W)	hFE		V _{CE(sat)} MAX.			f _T TYP.			Cob TYP.			SW Time TYP.		
NPN	PNP				V _{CE} (V)	I _C (A)	V _{CE} (V)	I _C (A)	I _B (A)	(MHz)	V _{CE} (V)	I _C (A)	f=1MHz (pF)	V _{CB} (V)	t _{on} (μs)	t _{stg} (μs)	t _f (μs)	
2SC507		0.1	120	0.75	5	10m	0.8	10m	1	250	20	10	0.1	1	0.1			
2SC594	2SA594		45	*5	1	10m	0.3	100m	10	200	10	10m	0.03/0.04	0.25	0.03			
2SC506		0.2	200	0.6	5	50m	1	50m	5	60	10	10m	0.3	4	0.5			
2SC505			300	0.6	5	50m	1	50m	5	60	10	10m	0.3	4	0.5			
2SC504	2SA504		60	*6	2	150m	0.5	150m	15	80	2	150m	0.04/0.06	0.45	0.1/0.06			
2SC503	2SA503	0.6	80	*6	2	150m	0.5	150m	15	80	2	150m	0.04/0.06	0.45	0.1/0.06			
2SC498	2SA498		50	0.6	2	0.2	0.8	0.2	20	50/70	10	10m	—	—	—			
2SC109A			50	0.8	2	0.2	0.4	0.2	20	150	10	10m	0.03	0.06	0.02			
2SC108A		0.8	70	0.8	2	0.2	0.4	0.2	20	150	10	10m	0.03	0.06	0.02			
2SC497	2SA497		80	0.6	2	0.2	0.8	0.2	20	50/70	10	10m	—	—	—			
2SC512	2SA512		60	*8	2	0.2	0.6	0.2	20	60	10	30m	0.13/0.12	3/2	0.2			
2SC510	2SA510	1.5	100	*8	2	0.2	0.6	0.2	20	60	10	30m	0.1	3/2	0.2			
2SC3007		2	50	0.8	2	0.5	0.5	1	50	100	2	0.5	30	1	0.1	1	0.1	
2SD688	2SB678	1.5	100	*8	2	1	1.5	1	2	—	—	—	—	0.3	2	0.7		
2SC524		1.5	60	*10	2	0.2	0.6	0.2	20	60	10	30m	0.13/0.12	3/2	0.2			
2SC522			100	*10	2	0.2	0.6	0.2	20	60	10	30m	0.13/0.12	3/2	0.2			

LOW V_{CE} (sat)**DARLINGTON**

2SC512 with Frange

2SC510 with Frange