

9097250 TOSHIBA (DISCRETE/OPTO)

67C 09143

D T-27-01

TO-92



7. INDUSTRIAL APPLICATIONS TO-92

Application

Type No.	V _{CEO} (V)	I _C (mA)	P _C (mW)	hFE		V _{CE(sat)} MAX.		f _T TYP.		Cob TYP.		SW Time TYP.	
				V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	f=1MHz (pF)	V _{CB} (V)	ton (ns)	ts _{sg} (ns)
2SC752 [Ⓒ] TM	15	200	400	1	10	0.3	20	1	400	4	10	70	15
2SC367 [Ⓒ] TM	30	400	400	1	100	0.25	100	10	250/180	10	10	40	250
2SC509 [Ⓒ] TM	30	800	600	2	50	0.5/0.8	500	20	100/140	10	11/22	60/50	400
2SC372 [Ⓒ] TM	50	150	400	1	10	0.25/0.4	100	10	200	2/5	10	50/30	250
2SC373 [Ⓒ] TM	50	150	400	1	10	0.25	100	10	200	2	10	50	250
2SC1000 [Ⓒ] TM	50	150	400	6	2	—	—	—	80	6	6/10	—	—
2SC980 [Ⓒ] TM	50	100	400	1	10	0.3	10	1	250	3	10	25	400
2SC980A [Ⓒ] TM	70	100	400	1	10	0.3	10	1	250	3	10	25	400
2SC780A [Ⓒ] TM	150	30	400	3	10	0.5/1.0	10	1	100	2/3	10	0.3μs	3μs
2SC2551	300	100	400	10	20	0.5	20	2	80/60	3/6	20	—	—
2SC982TM	40	300	400	2	100	1.3	300	0.3	—	—	—	—	—

TO-18



INDUSTRIAL APPLICATIONS TO-18

Application

Type No.	V _{CEO} (V)	I _C (mA)	P _C (mW)	hFE		V _{CE(sat)} MAX.		f _T TYP.		Cob TYP.		SW Time TYP.	
				V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	V _{CE} (V)	I _C (mA)	f=1MHz (pF)	V _{CB} (V)	ton (ns)	ts _{sg} (ns)
2SC395A	12	500	300	1	10	0.25	10	1	400	4	10	20	25
2SC400	20	100	250	1	10	0.4	10	1	300/250	4/5	10	25	300/400
2SC970	50/40	100	300/250	1	10	0.3/0.4	10	1	250	3/5	10	25	400
2SC1380A	50	100	200	6	2	—	—	—	80	6	6	—	—
2SC2550	50	200	300	1	10	0.5/0.3	200/100	20/10	250	3/4	10	100/30	400
2SC979A	70	100	300	1	10	0.3	10	1	250	3	10	25	400

Ultra High Speed SW

High Speed SW

General Purpose

Low Noise

General Purpose

High Speed SW