

7. INDUSTRIAL APPLICATIONS TO-92

Application

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.			
	NPN	PNP				V _{CE} (V)	I _C (mA)	I _C (mA)	I _B (mA)	(MHz)	V _{CE} (V)	I _C (mA)	f=1MHz (pF)	V _{CB} (V)	ton (ns)	tstg (ns)	tf (ns)		
High Speed SW	2SC752ⒸTM		15	200	400	40~240	1	10	0.3	20	1	400	10	10	4	10	70	15	30
High Current SW	2SC367ⒸTM	2SA467ⒸTM	30	400	400	70~240	1	100	0.25	100	10	250/180	10	10	10	10	40	250	30
High Current SW	2SC509ⒸTM	2SA509ⒸTM	30	800	600	70~240	2	50	0.5/0.8	500	20	100/140	10	10	11/22	10	60/50	400	50/40
General Purpose	2SC372ⒸTM	2SA495ⒸTM	50	150	400	70~240	1	10	0.25/0.4	100	10	200	10	10/1	2/5	10	50/30	250	30
General Purpose	2SC373ⒸTM		50	150	400	200~400	1	10	0.25	100	10	200	10	10	2	10	50	250	30
Low Noise	2SC1000ⒸTM	2SA493ⒸTM	50	150	400	200~700	6	2				80	6/10	1	6	6/10			
High Speed SW	2SC980ⒸTM		50	100	400	70~240	1	10	0.3	10	1	250	10	10	3	10	25	400	30
High Speed SW	2SC980AⒸTM		70	100	400	120~240	1	10	0.3	10	1	250	10	10	3	10	25	400	30
High Voltage SW	2SC780AⒸTM	2SA429ⒸTM	150	30	400	70~240	3	10	0.5/1.0	10	1	100	10	2	2/3	10	0.3μs	3μs	0.4μs
High Voltage SW	2SC2551	2SA1091	300	100	400	30~150	10	20	0.5	20	2	80/60	10	20	3/6	20			
Darlington	2SC982TM		40	300	400	1000MIN.	2	100	1.3	300	0.3								