

TO-92 Plastic Package Transistors (NPN)

Maximum Ratings						Electrical Characteristics (Ta=25°C, Unless Otherwise Specified)																		
Type No.	V _{CEO} (V) Min	V _{CE0} (V) Min	V _{EB0} (V) Min	P _D (W) @ Tc=25°C	I _C (A)	I _{CBO} (μA) Max	V _{CB} (V) @ (V)	I _{CES} (μA) Max	V _{CE} (V) @ (V)	h _{FE} @ Min Max	I _C & (mA)	V _{CE} (V)	V _{CE(SAT)} (V) Max Min	V _{BE(SAT)} (V) Max	I _C (mA) @ (mA)	C _{ob} (pF) Typ Max	f _t (MHz) Min Typ	I _C (mA) @ (mA)	t _{on} (ns) Max	N _F (dB) Max	@ Freq (MHz)	C _{re} (pF) Max	CDIL Case Style	
2N6517	350	350	6	0.625	0.5	0.05	250			20 30 30 20 15	1 10 30 50 100	10	0.3 0.35 0.5 1	0.75 0.85 0.9	10 20 30 50	6	40	200	10	3.5				TO-92
2SC1008	80	60	8	0.8	0.7	0.1	60			40 400	50 2	2	0.4	1.1	500	8	30 50	50						TO-92
2SC1008G	80	80	8	0.8	0.7	0.1	60			200 400	50 2	2	0.4	1.1	500	8	30 50	50						TO-92
2SC1008O	80	60	8	0.8	0.7	0.1	60			70 140	50 2	2	0.4	1.1	50	8	30 50	50						TO-92
2SC1008R	80	60	8	0.8	0.7	0.1	60			40 80	50 2	2	0.4	1.1	500	8	30 50	50						TO-92
2SC1008Y	80	60	5	0.8	0.7	0.1	60			120 240	50 2	2	0.4	1.1	500	8	30 50	50						TO-92
2SC1213	35	35	4	0.4	0.5	0.5	20			60 10	320 500	10 3	0.6		150									TO-92-1
2SC1213A	50	50	4	0.4	0.5	0.5	20			60 10	320 500	10 3	0.6	1.2	150	7	60 120	10						TO-92-1
2SC1213AE	50	50	4	0.4	0.5	0.5	20			60 10	120 500	10 3	0.6	1.2	150	7	60 120	10						TO-92-1
2SC1213AC	50	50	4	0.4	0.5	0.5	20			100 10	200 500	10 3	0.6	1.2	150	7	60 120	10						TO-92-1
2SC1213AD	50	50	4	0.4	0.5	0.5	20			160 10	320 500	10 3	0.6	1.2	150	7	15 120	10						TO-92-1
2SC1213B	35	35	4	0.4	0.5	0.5	20			60 10	120 500	10 3	0.6		150									TO-92-1
2SC1213C	35	35	4	0.4	0.5	0.5	20			100 10	200 500	10 3	0.6		150									TO-92-1
2SC1213D	35	35	4	0.4	0.5	0.5	20			160 10	320 500	10 3	0.6		150									TO-92-1
2SC1393	30	30	4	0.25	0.02	0.1	20			40	180	2 10					400	700	3	3	200	0.5		TO-92-3
2SC1393O	30	30	4	0.25	0.02	0.1	20			60	140	2 10					400	700	3	3	200	0.5		TO-92-3
2SC1393R	30	30	4	0.25	0.02	0.1	20			40	80	2 10					400	700	3	3	200	0.5		TO-92-3
2SC1393Y	30	30	4	0.25	0.02	0.1	20			90	180	2 10					400	700	3	3	200	0.5		TO-92-3
2SC1394	30	30	4	0.25	0.02	0.1	20			40	180	2 10	0.7		10		400	700	3	3.5	200	0.5		TO-92-3
2SC1394O	30	30	4	0.25	0.02	0.1	20			60	140	2 10	0.7		10		400	700	3					TO-92-3
2SC1394R	30	30	4	0.25	0.02	0.1	20			40	80	2 10	0.7		10		400	700	3.5					TO-92-3
2SC1394Y	30	30	4	0.25	0.02	0.1	20			90	180	2 10	0.7		10		400	700	3					TO-92-3
2SC1395	30	15	4	0.25		0.1	12			40	240	5 10	0.5		10	1.5	600	5						TO-92-3
2SC1730	30	15	5	0.25	0.05	0.1	12			40	240	5 10	0.5		10	1.5	800	5						TO-92-1
2SC1730O	30	15	5	0.25	0.05	0.1	12			70	240	5 10	0.5		10	1.5	800	5						TO-92-1
2SC1730R	30	15	5	0.25	0.05	0.1	12			40	80	5 10	0.5		10	1.5	800	5						TO-92-1
2SC1730Y	30	15	5	0.25	0.05	0.1	12			120	240	5 10	0.5		10	1.5	800	5						TO-92-1

* NOTE : hFE value are K.

2383394 0000957 276 55