

Small Signal Transistors

TO-39 Case (Continued)



TYPE NO.	DESCRIPTION	V _{CBO}	V _{CEO}	V _{EBO}	I _{CBO} @ V _{CB} (V) *I _{CEO} **I _{CES} ***I _{CEV} ****I _{CER}	h _{FE}		@ I _c	@ V _{CE}	V _{CE(SAT)} @ I _c		f _T	C _{ob}	t _{on}	t _{off}	NF	
		(V)	(V)	(V)		(μA)	(V)	(mA)	(V)	(V)	(mA)	(MHz)	(pF)	(ns)	(ns)	(dB)	
		MIN	MIN	MIN		MIN	MIN	MAX	MAX	MAX	MAX	MIN	MAX	MAX	MAX	MAX	
2N3444	NPN CORE DRIVER	80	50	5.0	0.50	60	20	60	500	1.0	1.20	1,000	150	12	50	70	--
2N3467	PNP CORE DRIVER	40	40	5.0	0.10	30	40	120	500	1.0	0.30	150	175	25	40	90	--
2N3468	PNP CORE DRIVER	50	50	5.0	0.10	30	25	75	500	1.0	0.36	150	150	25	40	90	--
2N3494	PNP AMPL/SWITCH	80	80	4.5	0.10	50	40	--	10	10	0.30	10	200	7.0	--	--	--
2N3495	PNP AMPL/SWITCH	120	120	4.0	0.10	90	40	--	10	10	0.35	10	150	6.0	--	--	--
2N3498	NPN AMPL/SWITCH	100	100	6.0	0.50	50	40	120	150	10	0.60	300	150	10	--	--	--
2N3499	NPN AMPL/SWITCH	100	100	6.0	0.50	50	100	300	150	10	0.60	300	150	10	--	--	--
2N3500	NPN HIGH VOLTAGE	150	150	6.0	0.50	75	40	120	150	10	0.40	150	150	8.0	--	--	--
2N3501	NPN HIGH VOLTAGE	150	150	6.0	0.50	75	100	300	150	10	0.40	150	150	8.0	--	--	--
2N3502	PNP AMPL/SWITCH	45	45	5.0	0.01**	30	100	300	150	10	0.40	150	200	8.0	--	--	--
2N3503	PNP AMPL/SWITCH	60	60	5.0	0.01**	50	100	300	150	10	0.40	150	200	8.0	--	--	--
2N3506	NPN AMPL/SWITCH	60	40	5.0	--	--	40	200	1500	2.0	0.5	500	60	40	--	--	--
2N3507	NPN AMPL/SWITCH	80	50	5.0	--	--	30	150	1500	2.0	0.5	500	60	40	--	--	--
2N3554	NPN CORE DRIVER	60	30	5.0	--	--	25	100	750	10	0.70	750	150	25	50	105	--
2N3634	PNP AMPL/SWITCH	140	140	5.0	0.10	100	50	150	50	10	0.50	50	150	10	400	600	3.0
2N3635	PNP AMPL/SWITCH	140	140	5.0	0.10	100	100	300	50	10	0.50	50	200	10	400	600	3.0
2N3660	PNP AMPL/SWITCH	40	30	5.0	1.20	500	25	100	500	10	1.20	500	30	275	--	--	--
2N3661	PNP AMPL/SWITCH	60	50	5.0	0.10	100	25	100	500	10	1.20	500	30	275	--	--	--
2N3665	NPN AMPL/SWITCH	120	80	6.0	0.50	60	40	120	150	10	0.50	150	60	12	--	--	--
2N3666	NPN AMPL/SWITCH	120	80	6.0	0.50	60	100	300	150	10	0.50	150	60	12	--	--	--
2N3671	PNP AMPL/SWITCH	60	50	5.0	0.10	30	75	275	150	10	0.40	150	200	9.0	--	--	--
2N3678	NPN AMPL/SWITCH	75	55	6.0	0.10	60	40	120	150	10	0.40	150	250	8.0	--	--	--
2N3719	PNP AMPL/SWITCH	40	40	4.0	10	40	25	180	1,000	1.5	0.75	1,000	60	120	--	--	--
2N3720	PNP AMPL/SWITCH	60	60	4.0	10	60	25	180	1,000	1.5	0.75	1,000	60	120	--	--	--
2N3722	NPN CORE DRIVER	60	60	6.0	--	--	40	150	100	5.0	0.22	100	300	10	50	100	--
2N3724A	NPN CORE DRIVER	50	30	6.0	0.50	40	60	150	100	1.0	0.20	100	300	12	35	60	--
2N3725A	NPN CORE DRIVER	80	50	6.0	0.50	60	60	150	100	1.0	0.40	300	300	10	35	60	--
2N3734	NPN CORE DRIVER	50	30	5.0	--	--	30	120	1,000	1.5	0.50	500	300	9.0	48	60	--
2N3735	NPN CORE DRIVER	75	50	5.0	0.20	40	20	80	1,000	1.5	0.50	500	250	9.0	48	60	--
2N3742	NPN HIGH VOLTAGE	300	300	7.0	0.20	200	20	200	30	10	1.00	30	30	6.0	--	--	--
2N3743	PNP HIGH VOLTAGE	300	300	5.0	0.30	200	25	250	30	10	5.00	10	30	15	--	--	--
2N3762	PNP CORE DRIVER	40	40	5.0	--	--	30	100	1,000	1.5	0.90	1,000	180	15	45	105	--
2N3763	PNP CORE DRIVER	60	60	5.0	--	--	20	80	1,000	1.5	0.90	1,000	150	15	45	105	--
2N3764	PNP CORE DRIVER	40	40	5.0	--	--	30	120	1,000	1.5	0.50	500	180	15	45	115	--
2N3830	NPN CORE DRIVER	80	50	5.0	--	--	30	--	500	10	0.50	200	200	12	60	70	--
2N3831	NPN CORE DRIVER	70	40	5.0	--	--	35	--	500	10	0.50	500	200	12	60	70	--
2N3866	NPN VHF/UHF OSC	55	30	3.5	20*	28	10	200	50	5.0	1.00	100	500	3.0	--	--	--
2N3867	PNP AMPL/SWITCH	40	40	4.0	1.00***	40	40	200	1,500	2.0	0.75	1,500	60	120	100	400	--
2N3868	PNP AMPL/SWITCH	60	60	4.0	1.00***	60	30	150	1,500	2.0	0.75	1,500	60	120	100	400	--
2N3923	NPN AMPL/SWITCH	150	150	6.0	0.01	100	30	120	25	10	1.00	25	40	3.5	--	--	--
2N3945	NPN AMPL/SWITCH	70	50	6.0	--	--	40	250	150	10	0.50	150	60	12	--	--	--
2N4000	NPN AMPL/SWITCH	100	80	6.0	2.00**	90	30	120	500	2.0	0.50	1,000	40	60	--	--	--
2N4001	NPN AMPL/SWITCH	120	100	6.0	2.00**	110	40	120	500	2.0	0.50	1,000	40	60	--	--	--

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