

Small Signal Transistors

TO-18 Case



TYPE NO.	DESCRIPTION	BV _{CBO}	BV _{CEO}	BV _{EBO}	I _{CBO} @ (mA) MAX *ICES **ICEV	V _{CB} (V)	h _{FE}		@ I _C (mA)	@ V _{CE} (V)	V _{CE} (SAT) @ I _C		C _{ob} (pF) MAX	f _T (MHz) MIN	NF (dB) MAX	t _{on} (ns) MAX	t _{off} (ns) MAX
		(V) MIN	(V) MIN	(V) MIN			MIN	MAX			(V) MAX	(mA) MAX					
2N703	NPN AMPL/SWITCH	25	25	5.0	--	--	40	100	10	10	0.5	10	5.0	70	--	--	--
2N706C	NPN SAT SWITCH	40	15	5.0	0.5	15	20	60	10	5.0	0.3	30	5.0	200	--	40	75
2N708	NPN SAT SWITCH	40	15	5.0	0.025	20	30	120	10	1.0	0.4	10	6.0	400	--	40	70
2N709A	NPN SAT SWITCH	15	6.0	4.0	0.005	5.0	30	90	10	0.5	0.3	3.0	3.0	900	--	15	15
2N717	NPN AMPL/SWITCH	60	40	5.0	--	--	20	60	150	10	1.5	150	35	40	--	--	--
2N718A	NPN AMPL/SWITCH	75	32	7.0	0.01	60	40	120	150	10	1.5	150	25	60	--	--	--
2N719A	NPN AMPL/SWITCH	120	60	7.0	0.01	75	20	60	150	10	5.0	150	15	40	--	--	--
2N720A	NPN AMPL/SWITCH	120	80	7.0	0.01	90	40	120	150	10	5.0	150	15	50	--	--	--
2N721	PNP AMPL/SWITCH	50	35	5.0	1.0	30	20	45	150	10	1.5	150	45	50	--	--	--
2N722A	PNP AMPL/SWITCH	50	35	5.0	0.10	30	30	90	150	10	1.5	150	45	60	--	--	--
2N726	PNP AMPL/SWITCH	25	20	5.0	1.0	25	15	45	10	1.0	0.6	10	5.0	140	--	--	--
2N727	PNP AMPL/SWITCH	25	20	5.0	1.0	25	30	120	10	1.0	0.6	10	5.0	140	--	--	--
2N730	NPN AMPL/SWITCH	60	35	5.0	--	--	20	60	150	10	1.5	150	35	40	--	--	--
2N731	NPN AMPL/SWITCH	60	35	5.0	--	--	40	120	150	10	1.5	150	35	50	--	--	--
2N743A	NPN SAT SWITCH	40	15	5.0	--	--	20	60	10	5.0	0.6	100	4.0	500	--	12	15
2N744A	NPN SAT SWITCH	40	15	5.0	--	--	40	120	10	5.0	0.6	100	4.0	500	--	12	15
2N753	NPN SAT SWITCH	25	20	5.0	0.05	15	40	120	10	1.0	0.6	10	5.0	200	--	40	75
2N760A	NPN LOW NOISE	60	60	8.0	0.10	30	76	333	1.0	5.0	1.0	10	8.0	50	--	--	--
2N783	NPN SAT SWITCH	40	15	5.0	0.25	25	20	60	10	1.0	0.25	10	3.5	200	--	16	30
2N784A	NPN SAT SWITCH	40	15	5.0	--	--	25	150	10	5.0	0.19	10	3.5	300	--	20	40
2N834A	NPN SAT SWITCH	40	--	5.0	0.50	20	25	--	10	1.0	0.25	10	4.0	500	--	33	75
2N835	NPN SAT SWITCH	25	20	5.0	0.50	20	20	--	10	1.0	0.3	10	4.0	300	--	20	35
2N864	PNP AMPL/SWITCH	6.0	6.0	6.0	0.10	10	25	125	1.0	6.0	0.1	5.0	9.0	--	--	--	--
2N865	PNP AMPL/SWITCH	10	6.0	6.0	0.10	10	100	350	1.0	6.0	0.1	5.0	9.0	--	--	--	--
2N869A	PNP AMPL/SWITCH	25	18	5.0	0.01	15	40	120	10	5.0	0.15	10	6.0	400	--	--	--
2N870	NPN AMPL/SWITCH	100	60	7.0	0.01	75	20	120	150	10	5.0	150	15	50	--	--	--
2N871	NPN AMPL/SWITCH	100	60	7.0	0.01	75	100	300	150	10	5.0	150	15	60	--	--	--
2N909	NPN AMPL SWITCH	30	25	5.0	--	--	110	350	50	10	2.0	50	25	50	--	--	--
2N910	NPN AMPL/SWITCH	100	60	7.0	0.025	75	75	--	10	10	1.2	50	15	60	--	--	--
2N911	NPN AMPL/SWITCH	100	60	7.0	0.025	75	35	--	10	10	1.2	50	15	50	--	--	--
2N912	NPN AMPL/SWITCH	100	60	7.0	0.025	75	15	--	10	10	1.2	50	15	40	--	--	--
2N914	NPN SAT SWITCH	40	15	5.0	0.025	20	30	120	10	1.0	0.7	200	6.0	60	--	40	40
2N915	NPN RF/IF OSC	70	50	5.0	--	--	50	200	10	10	--	--	3.5	250	--	--	--
2N916	NPN RF/IF OSC	45	45	5.0	--	--	50	200	10	10	--	--	6.0	300	--	--	--
2N929A	NPN LOW NOISE	60	45	6.0	0.02	45	40	120	0.01	5.0	0.5	10	6.0	45	4.0	--	--
2N930B	NPN LOW NOISE	60	45	6.0	0.20	45	100	300	0.01	5.0	0.5	10	6.0	45	3.0	--	--
2N947	NPN SAT SWITCH	15	12	3.0	--	--	30	--	10	1.0	0.4	5.0	8.0	200	--	--	50
2N956	NPN AMPL/SWITCH	75	50	7.0	0.01	60	100	300	150	10	1.5	150	25	70	--	--	--

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