Small Signal Transistors

TO-92 Case (Continued)



TYPE NO.	DESCRIPTION	LEAD CODE	V_{CBO} (V) MIN	V_{CEO} (V) *V_{CES} MIN	V_{EBO} (V) MAX	I_{CBO} @ V_{CB} (nA) *I_{CES} *I_{CEV} MAX	V_{CB} (V)	h_{FE} MIN	h_{FE} @V_{CE} (V) *h_{FE} (1kHZ) MAX	@I_C (mA)	V_{CE} (SAT) @I_C (V)	(mA)	C_{ob} (pF) *C_{rb} MAX	f_T (MHz) *TYP MIN	NF (dB) MAX	t_{off} MAX
PN3641	NPN AMPL/SWITCH	EBC	60	30	5.0	50*	50	40	120	10	150	0.22	150	8.0	150	--	150
PN3642	NPN AMPL/SWITCH	EBC	60	45	5.0	50*	50	40	120	10	150	0.22	150	8.0	150	--	150
PN3643	NPN AMPL/SWITCH	EBC	60	30	5.0	50*	50	100	300	10	150	0.22	150	8.0	250	--	150
PN3644	PNP AMPL/SWITCH	EBC	45	45	5.0	35*	30	100	300	10	150	1.0	300	8.0	200	--	100
PN3645	PNP AMPL/SWITCH	EBC	60	60	5.0	35*	50	100	300	10	150	1.0	300	8.0	200	--	100
PN3646	NPN SAT SWITCH	EBC	40	15	5.0	500*	20	30	120	0.40	30	0.50	300	5.0	350	--	28
PN3694	NPN AMPL/SWITCH	EBC	45	45	4.0	50	30	100	400	10	10	--	--	6.0	200	--	--
PN4249	PNP LOW NOISE	EBC	60	60	5.0	10	40	100	300	5.0	0.10	0.25	10	6.0	40	3.0	--
PN4250A	PNP LOW NOISE	EBC	60	60	5.0	10	50	250	700	5.0	0.10	0.25	10	6.0	50	2.0	--
PN4258	PNP SAT SWITCH	EBC	12	12	4.5	10*	6.0	30	120	3.0	10	0.50	50	3.0	700	--	20
PN4274	NPN SAT SWITCH	EBC	30	12	4.5	400*	20	35	120	1.0	10	0.50	100	4.0	400	--	12
PN4275	NPN SAT SWITCH	EBC	40	15	4.5	400*	20	35	120	1.0	10	0.50	100	4.0	400	--	12
PN4354	PNP AMPL/SWITCH	EBC	60	60	5.0	50	50	50	500	10	10	0.50	500	30	100	3.0	400
PN4355	PNP AMPL/SWITCH	EBC	60	60	5.0	50	50	100	400	10	10	1.0	1,000	30	100	3.0	400
PN4356	PNP AMPL/SWITCH	EBC	80	80	5.0	50	50	50	250	10	10	0.50	500	30	100	3.0	400
PN4916	PNP AMPL/SWITCH	EBC	30	30	5.0	25	15	70	200	1.0	10	0.30	50	4.5	400	4.0	--
PN4917	PNP AMPL/SWITCH	EBC	30	30	5.0	25	15	150	300	1.0	10	0.30	50	4.5	450	4.0	--
PN5127	NPN AMPL/SWITCH	EBC	20	12	3.0	50	10	15	300	10	2.0	0.30	10	3.5	150	--	--
PN5128	NPN AMPL/SWITCH	EBC	15	12	3.0	50	10	35	350	10	50	0.25	150	10	150	--	--
PN5129	NPN AMPL/SWITCH	EBC	15	12	3.0	50	10	35	350	10	50	0.25	150	10	--	--	--
PN5130	NPN RF OSC	EBC	30	12	1.0	50	10	15	250	10	8.0	0.60	10	1.7	--	400	--
PN5131	NPN AMPL/SWITCH	EBC	20	15	3.0	50	10	30	50	1.0	10	1.0	10	6.0	100	--	--
PN5132	NPN AMPL/SWITCH	EBC	20	20	3.0	50	10	30	400	10	10	2.0	10	3.5	200	4.0	--
PN5133	NPN LOW NOISE	EBC	20	18	3.0	50	15	60	1,000	5.0	1.0	0.40	1.0	5.0	40	--	--
PN5134	NPN SAT SWITCH	EBC	20	10	3.5	10,000	15	20	150	1.0	10	0.25	10	4.0	250	--	18
PN5135	NPN AMPL/SWITCH	EBC	30	25	4.0	300	15	50	600	10	10	1.0	100	25	40	--	--
PN5136	NPN AMPL/SWITCH	EBC	30	20	3.0	100	20	20	400	1.0	150	0.25	150	35	40	--	--
PN5137	NPN AMPL/SWITCH	EBC	30	20	3.0	100	20	20	400	1.0	150	0.25	150	35	40	--	--
PN5138	PNP AMPL/SWITCH	EBC	30	30	5.0	50	20	50	800	10	0.10	0.30	10	7.0	30	--	--
PN5139	PNP AMPL/SWITCH	EBC	20	20	5.0	50*	15	40	--	1.0	10	0.50	50	5.0	300	--	200
PN5142	PNP AMPL/SWITCH	EBC	20	20	4.0	50*	12	30	--	1.0	50	2.0	300	10	--	--	200
PN5143	PNP AMPL/SWITCH	EBC	20	20	4.0	50*	12	30	--	1.0	50	2.0	300	10	--	--	200
PN5825	NPN AMPL/SWITCH	EBC	50	40	5.0	50	40	100	200	5.0	2.0	0.125	10	4.0	90	--	--
PN5826	NPN AMPL/SWITCH	EBC	50	40	5.0	50	40	150	300	5.0	2.0	0.125	10	4.0	90	--	--
PN5827	NPN AMPL/SWITCH	EBC	50	40	5.0	50	40	250	500	5.0	2.0	0.125	10	4.0	90	--	--
PN5828	NPN AMPL/SWITCH	EBC	50	40	5.0	50	40	400	800	5.0	2.0	0.125	10	4.0	90	--	--
PN5910	PNP SAT SWITCH	EBC	20	20	4.5	10*	10	30	120	0.30	10	0.50	50	3.0	700	--	20
PN6010	NPN AMPL/SWITCH	EBC	50	40	5.0	10	25	100	300	1.0	10	0.50	500	10	105	5.0	400

Devices are available lead formed,
See pages 216 thru 219 for details.
Also available in Ammopack or Tape & Reel,
See pages 230 thru 235 for details.

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