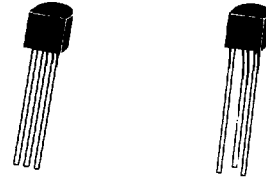


Small Signal Transistors

TO-92 Case (Continued)



TO-92

TO-92-18R

TYPE NO.	FAMILY	LEAD CODE	V _{CBO}		V _{CEO}		V _{EB0}		I _{CBO} @ V _{CBO}		h _{FE}		@ V _{CE}		@ I _C		V _{CE(SAT)} @ I _C		C _{ob}	f _T	NF	t _{off}
			(V)	(V)	(V)	(nA)	(V)	MIN	MAX	(V)	(mA)	(V)	(mA)	(pF)	(MHz)	(dB)						
			MIN	^{*V} _{CES} MIN	MIN	^{**I} _{CES} ^{**I} _{CEV}	MIN	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MAX	MIN	MAX	MAX	MAX		
2N5812	NPN AMPL/SWITCH	CBE*	35	25	5.0	100	25	150	500	2.0	2.0	0.75	500	15	135	----	----					
2N5813	PNP AMPL/SWITCH	CBE*	35	25	5.0	100	25	150	500	2.0	2.0	0.75	500	15	135	----	----					
2N5816	NPN AMPL/SWITCH	CBE*	50	40	5.0	100	25	100	200	2.0	2.0	0.75	500	15	120	----	----					
2N5817	PNP AMPL/SWITCH	CBE*	50	40	5.0	100	25	100	200	2.0	2.0	0.75	500	15	120	----	----					
2N5818	NPN AMPL/SWITCH	CBE*	50	40	5.0	100	25	150	300	2.0	2.0	0.75	500	15	135	----	----					
2N5819	PNP AMPL/SWITCH	CBE*	50	40	5.0	100	25	150	300	2.0	2.0	0.75	500	15	135	----	----					
2N5822	NPN AMPL/SWITCH	CBE*	70	60	5.0	100	25	100	200	2.0	2.0	0.75	500	15	120	----	----					
2N5823	PNP AMPL/SWITCH	CBE*	70	60	5.0	100	25	100	200	2.0	2.0	0.75	500	15	120	----	----					
2N5830	NPN HIGH VOLTAGE	EBC	120	100	5.0	50	100	80	500	5.0	10	0.25	50	4.0	100	----	----					
2N5831	PNP HIGH VOLTAGE	EBC	160	140	5.0	50	120	80	500	5.0	10	0.25	50	4.0	100	----	----					
2N5961	NPN LOW NOISE	EBC	60	60	8.0	2.0	60	170	700	5.0	10	0.20	10	4.0	100	3.0	---	---				
2N5962	NPN LOW NOISE	EBC	45	45	8.0	2.0	45	600	1,400	5.0	10	0.20	10	4.0	100	3.0	---	---				
2N5963	NPN LOW NOISE	EBC	30	30	8.0	2.0	30	1,200	2,000	5.0	10	0.20	10	4.0	150	3.0	---	---				
2N6076	PNP LOW NOISE	ECB	25	25	5.0	100	25	100	500	10	10	0.25	10	13	200*	---	---					
2N6426	NPN DARLINGTON	EBC	40	40	12	50	30	20,000	200,000	5.0	500	1.50	500	7.0	150	10	---	---				
2N6427	NPN DARLINGTON	EBC	40	40	12	50	30	14,000	140,000	5.0	500	1.50	500	7.0	130	10	---	---				
2N6515	NPN HIGH VOLTAGE	EBC	250	250	6.0	50	150	45	220	10	50	1.0	50	6.0	40	---	---					
2N6516	NPN HIGH VOLTAGE	EBC	300	300	6.0	50	200	40	200	10	50	1.0	50	6.0	40	---	---					
2N6517	NPN HIGH VOLTAGE	EBC	350	350	6.0	50	250	20	100	10	50	1.0	50	6.0	40	---	---					
2N6518	PNP HIGH VOLTAGE	EBC	250	250	5.0	50	150	45	220	10	50	1.0	50	6.0	40	---	---					
2N6519	PNP HIGH VOLTAGE	EBC	300	300	5.0	50	200	40	200	10	50	1.0	50	6.0	40	---	---					
2N6520	PNP HIGH VOLTAGE	EBC	350	350	5.0	50	250	20	100	10	50	1.0	50	6.0	40	---	---					
BCX38A	NPN DARLINGTON	EBC	80	60	10	100	60	1,000	---	5.0	500	1.25	800	---	---	---	---					
BCX38B	NPN DARLINGTON	EBC	80	60	10	100	60	4,000	---	5.0	500	1.25	800	---	---	---	---					
BCX38C	NPN DARLINGTON	EBC	80	60	10	100	60	10,000	---	5.0	500	1.25	800	---	---	---	---					
GES6014	NPN AMPL/SWITCH	EBC	70	60	5.0	10	25	100	300	1.0	10	0.50	500	10	105	5.0	400					
MPS650	NPN HIGH CURRENT	EBC	60	40	5.0	100	60	40	----	2.0	2,000	0.50	2,000	----	75	----	----					
MPS651	NPN HIGH CURRENT	EBC	80	60	5.0	100	80	40	----	2.0	2,000	0.50	2,000	----	75	----	----					
MPS750	PNP HIGH CURRENT	EBC	60	40	5.0	100	60	40	----	2.0	2,000	0.50	2,000	----	75	----	----					
MPS751	PNP HIGH CURRENT	EBC	80	60	5.0	100	80	40	----	2.0	2,000	0.50	2,000	----	75	----	----					
MPS3392	NPN AMPL/SWITCH	EBC	25	25	5.0	100	18	150	300	4.5	2.0	----	----	10	----	----	----					
MPS3395	NPN AMPL/SWITCH	EBC	25	25	5.0	100	18	150	500	4.5	2.0	----	----	10	----	----	----					
MPS3396	NPN AMPL/SWITCH	EBC	25	25	5.0	100	18	90	500	4.5	2.0	----	----	10	----	----	----					
MPS3397	NPN AMPL/SWITCH	EBC	25	25	5.0	100	18	55	500	4.5	2.0	----	----	10	----	----	----					
MPS3398	NPN AMPL/SWITCH	EBC	25	25	5.0	100	18	55	800	4.5	2.0	----	----	10	----	----	----					
MPS3415	NPN LOW NOISE	EBC	25	25	5.0	100	25	180	540	4.5	2.0	0.30	50	----	----	----	----					
MPS3702	PNP AMPL/SWITCH	EBC	40	25	5.0	100	20	60	300	5.0	50	0.25	50	12	100	----	----					
MPS3704	NPN AMPL/SWITCH	EBC	50	30	5.0	100	20	100	300	2.0	50	0.60	100	12	100	----	----					
MPS3706	NPN AMPL/SWITCH	EBC	40	20	5.0	100	20	30	600	2.0	50	1.0	100	12	100	----	----					
MPS3707	NPN LOW NOISE	EBC	30	30	6.0	100	20	100	400	5.0	0.10	1.0	10	4.0	----	5.0	----	----				
MPS3708	NPN LOW NOISE	EBC	30	30	6.0	100	20	45	660	5.0	1.0	1.0	10	----	----	----	----					

Shaded areas indicate Darlington.
 Devices are available lead formed. See pages 217 and 218 for details.