Small Signal Transistors

TO-39 Case



T/DE 110	DECODIDETION	.,	.,	.,		.,					.,	0.1			Ι.	١.	
TYPE NO.	DESCRIPTION	V _{CBO}	VCEO	VEBO	I _{CBO} @	V _{CB}	hFI	E I I		@ V _{CE}	VCE(SA	-	fT	Cob	ton	toff	NF
		(V)	(V)	(V)	(μΑ)	(V)			(mA)	(V)	(V)	(mA)	(MHz)	(pF)	(ns)	(ns)	(dB)
			*V _{CER}		*ICEO **ICES								*TYP	*TYP	*TYP	*TYP	*TYP
					***ICEV												
		MIN	MIN	MIN	****ICER		MIN	MAX			MAX		MIN	MAX	MAX	MAX	MAX
2N656A	NPN AMPL/SWITCH	60	60	6.0	10	30	30	90	200	10	2.00	200	50	20			
2N657A	NPN AMPL/SWITCH	100	100	6.0	10	30	30	90	200	10	2.00	200	50	20			
2N696	NPN AMPL/SWITCH	60	40	5.0	1.00	30	20	60	150	10	1.50	150	80	35			
2N697A	NPN AMPL/SWITCH	60	35	5.0	1.00	30	40	120	150	10	1.50	150	50	35			
2N698	NPN AMPL/SWITCH	120	60	7.0	0.05	75	20	60	150	10	1.50	150	50	15			
2N699B	NPN AMPL/SWITCH	120	80	7.0	0.01	90	40	120	150	10	1.30	150	60	15			
2N1052	NPN HIGH VOLTAGE	200	155	6.0	10	200	20	80	200	6.0	5.00	200	8.0	50			
2N1053	NPN AMPL/SWITCH	180	135	6.0	10	180	20	80	200	6.0	5.00	200	8.0	50			
2N1054	NPN AMPL/SWITCH	125	115	6.0	5.00	125	20		200	6.0	4.00	200	8.0	50			
2N1055	NPN AMPL/SWITCH	100	100	6.0	15	100	20	80	50	6.0	2.00	50	3.0				
2N1116	NPN AMPL/SWITCH	60	60	6.0	15	60	40	150	500	6.0	5.00	500	6.0	80			
2N1117	NPN AMPL/SWITCH	60	60	6.0	15	60	40	150	200	6.0	4.00	200	4.0				
2N1118	PNP AMPL/SWITCH	25	25	6.0	1.00	25	15		1.0	6.0				12			
2N1119	PNP AMPL/SWITCH	10	10	6.0	0.10	10	15		15	0.5	0.15	5.0		12			
2N1131	PNP AMPL/SWITCH	50	35	5.0	100	50	20	45	150	10	1.50	150	50	45			
2N1131A	PNP AMPL/SWITCH	60	40	5.0	0.50	45	20	45	150	10	1.50	150	90	45			
2N1132B	PNP AMPL/SWITCH	70	50	6.0	0.10	50	30	75	150	10	1.50	150	90	30			
2N1258	PNP AMPL/SWITCH	30	30	5.0	0.20	20	75	150	10	1.0	0.60	10		10			
2N1259	PNP AMPL/SWITCH	50	50	5.0	0.20	30	25	100	10	1.0	0.30	10		10			
2N1420	NPN AMPL/SWITCH	60	30	5.0	1.00	30	100	300	150	10	1.50	150	50	35			
2N1445	NPN AMPL/SWITCH	120	120	6.0	10	120	20	80	200	10	4.00	200					
2N1479	NPN AMPL/SWITCH	60	40	6.0	10	30	20	60	200	4.0	1.40	200	1.5				
2N1480	NPN AMPL/SWITCH	100	55	6.0	10	30	20	60	200	4.0	1.40	200	1.5				
2N1481	NPN AMPL/SWITCH	60	40	6.0	10	30	35	100	200	4.0	1.40	200	1.5				
2N1482	NPN AMPL/SWITCH	100	55	6.0	10	30	35	100	200	4.0	1.40	200	1.5				
2N1507	NPN AMPL/SWITCH	60	25	5.0	1.00	30	100	300	150	10	1.50	150	50	35			
2N1573	NPN AMPL/SWITCH	125	80	5.0	1.00	40	30	100	5.0	5.0	1.00	10	60	10			
2N1574	NPN AMPL/SWITCH	125	80	5.0	1.00	40	60	200	5.0	5.0	1.00	10	60	10			
2N1613B	NPN AMPL/SWITCH	120	50	7.0	0.10	60	40	120	150	10	0.20	150	60	10			
2N1615	NPN AMPL/SWITCH	100	100	6.0	2.00	60	25		5.0	10	5.00	50	5.0	20			
2N1676	PNP AMPL/SWITCH	4.5	4.5	4.5	0.10	4.5	25		2.0	0.2	1.50	10	40	7.0			
2N1700	NPN AMPL/SWITCH	60	40	6.0	75	40	20	80	100	4.0	1.00	100					
2N1711	NPN AMPL/SWITCH	75	50	7.0	0.10	60	100	300	150	10	1.00	150	70	25			
2N1711B	NPN AMPL/SWITCH	120	50	7.0	0.10	60	100	300	150	10	0.20	150	70	10			
2N1716	NPN AMPL/SWITCH	60	60	6.0	2.00	60	40	120	200	5.0	2.00	200	16	50			
2N1717	NPN AMPL/SWITCH	100	100	6.0	1.00	75	40	120	200	5.0	2.00	200	16	50			
2N1889	NPN AMPL/SWITCH	100	60	7.0	0.10	75	40	120	150	10	5.00	150	50	15			
2N1890	NPN AMPL/SWITCH	100	60	7.0	0.10	75	100	300	150	10	1.20	50	60	15			
2N1893A	NPN AMPL/SWITCH	140	80	7.0	0.10	90	40	120	150	10	2.00	150	100	8.0			
2N1973	NPN AMPL/SWITCH	100	60	7.0	0.025	75	75		10	10	1.20	50	60	15			
2N1974	NPN AMPL/SWITCH	100	60	7.0	0.025	75	35		10	10	1.20	50	50	15			
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- 2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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