

TRANSISTORS—SMALL SIGNAL

NPN GENERAL PURPOSE AMPLIFIER AND SWITCHING TRANSISTORS (BY ASCENDING V_{CE0})

PLASTIC PACKAGE

(ALSO SEE LOW LEVEL AND HIGH VOLTAGE SECTION)

TYPE	V_{CE0} (V_{CER}) VOLTS	h_{FE} (h_{fe}) h_{FE} @ I_C MIN-MAX mA		V_{CE} (sat) VOLTS @ I_C MAX mA		C_{ob} pF MAX	f_T MHz MIN	t_{off} ns MAX	P_D T_A 25°C T_C 25°C mW W		Package	PNP Complement
	MIN	MIN-MAX	@ I_C mA	VOLTS @ I_C MAX	mA							
2N5128	12	35-350	@ 50	0.25 @ 150	10.0	200	200	300	0.7	TO-105	2N5142	
2N5129	12	35-350	@ 50	0.25 @ 150	10.0	200	200	200	0.5	TO-106	2N5143	
2N5219	15	35-500	@ 2	0.40 @ 2	4.0	150	150	310		TO-92	2N3221	
2N5131	15	30-500	@ 10	1.00 @ 10	6.0	100	100	200	0.5	TO-106	2N5139	
2N5220	15	30-600	@ 50	0.50 @ 50	10.0	100	100	310		TO-92	2N5226	
MPS2712	18	75-225	@ 2		4.0			625	1.0	TO-92	2N4126	
MPS2711	18	30-90	@ 2		4.0			625	1.0	TO-92	2N4125	
2N5223	20	50-800	@ 2	0.70 @ 2	4.0	150	150	310		TO-92	2N5227	
SE2002	20	100-400	@ 10	0.70 @ 10	6.0	200	200	200	0.5	TO-106	2N4122	
SE2001	20	40-160	@ 10	0.70 @ 10	6.0	200	200	200	0.5	TO-106	2N4121	
2N5132	20	30-400	@ 10	2.00 @ 10	3.5	200	200	200	0.5	TO-106	2N4121	
MPS3706	20	30-600	@ 50	1.00 @ 50	12.0	100	100	625	1.0	TO-92	MPS3702	
2N5136	20	20-400	@ 150	0.25 @ 150	35.0	40	40	220	0.6	TO-105	2N5142	
2N5137	20	20-400	@ 150	0.25 @ 150	35.0	40	40	220	0.6	TO-106	2N5143	
MPS6561	20	50-200	@ 350	0.50 @ 150	30.0	60	60	625	1.0	TO-92	MPS6563	
MPS6515	25	250-500	@ 2	0.50 @ 2	3.5			625	1.0	TO-92	MPS6519	
MPS2925	25	(235-470)	@ 2		12.0			625	1.0	TO-92	2N4126	
MPS3392	25	150-300	@ 2		3.5			625	1.0	TO-92	2N4126	
MPS6514	25	150-300	@ 2	0.50 @ 2	3.5			625	1.0	TO-92	MPS6518	
MPS2924	25	(150-300)	@ 2		12.0			625	1.0	TO-92	2N4126	
MPS3395	25	150-500	@ 2		3.5			625	1.0	TO-92	2N4126	
2N4124	25	120-360	@ 2	0.30 @ 2	4.0	300	300	310		TO-92	2N4126	
MPS3393	25	90-180	@ 2		3.5			625	1.0	TO-92	2N4126	
MPS2923	25	(90-180)	@ 2		12.0			625	1.0	TO-92	2N4126	
MPS3721	25	60-660	@ 2		3.5			625	1.0	TO-92	2N4125	
MPS3394	25	55-110	@ 2		3.5			625	1.0	TO-92	2N4125	
MPS2926	25	(35-470)	@ 2		3.5			625	1.0	TO-92	2N4125	
2N3692	25	100-400	@ 10	0.70 @ 10	6.0	200	200	200	0.5	TO-106	2N4122	
MPS5172	25	100-500	@ 10	0.25 @ 10	12.0			625	1.0	TO-92	2N4126	
EN916	25	50-200	@ 10	0.50 @ 10	6.0	300	300	200	0.5	TO-106	2N4121	
2N5135	25	50-600	@ 10	1.00 @ 100	25.0	40	40	300	0.8	TO-105	2N5142	
2N3691	25	40-160	@ 10	0.70 @ 10	6.0	200	200	200	0.5	TO-106	2N4121	
2N5225	25	30-600	@ 50	0.80 @ 50	20.0	50	50	310		TO-92	2N5226	
MPS6560	25	50-200	@ 500	0.50 @ 500	30.0	60	60	625	1.0	TO-92	MPS6562	
MPS6513	30	90-180	@ 2	0.50 @ 2	3.5			625	1.0	TO-92	MPS6517	
MPS6512	30	50-100	@ 2	0.50 @ 2	3.5			625	1.0	TO-92	MPS6516	
2N4123	30	50-150	@ 2	0.30 @ 2	4.0	250	250	310		TO-92	2N4125	
2N3566	30	50-160	@ 10	1.00 @ 100	25.0	40	40	300	0.8	TO-105	2N3638A	
MPS3704	30	100-300	@ 50	0.60 @ 50	12.0	100	100	625	1.0	TO-92	2N4403	
MPS3705	30	50-150	@ 50	0.80 @ 50	12.0	100	100	625	1.0	TO-92	2N4402	
MPS6532	30	30	@ 100	0.50 @ 100	5.0			625	1.0	TO-92	MPS6535M	
2N3643	30	100-300	@ 150	0.22 @ 150	8.0	250	250	350	0.7	TO-105	2N3638A	
2N4437	30	100-300	@ 150	0.22 @ 150	8.0	250	150	200	0.5	TO-106	EN2907	
EN2219	30	100-300	@ 150	0.40 @ 150	8.0	250	250	200	0.5	TO-105	EN2905	
EN2222	30	100-300	@ 150	0.40 @ 150	8.0	250	250	200	0.5	TO-106	EN2907	
2N4970	30	100-350	@ 150	0.40 @ 150	8.0	200	440	200	0.5	TO-106	EN2907	

Preferred devices in bold type.