

NPN Transistors



RF AMPS AND OSCILLATORS (Continued)

Type No.	Case Style	V _{CES} * V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	I _{CBO} (nA) @ Max	V _{CB} (V) Min	h _{FE} Min	@ Max	I _C (mA) @ Max	V _{CE} (V) Min	V _{CE(SAT)} (V) Max	V _{BE(SAT)} (V) Min	@ Max	I _C (mA) @ Max	C _{ob} /C _{re} (pF) Min	Max	f _T (MHz) Min	Max	@ Max	I _C (mA) @ Max	NF (dB) Max	@ Max	Freq (MHz) @ Max	Process No.
MPS6511	TO-92 (92)	30*	20		50	15	25		10	10					2.5									43
MPS6541	TO-92 (92)	30*	20	4	50	15	25		4	10					1.7		600	1500	4					43
PN918	TO-92 (92)	30	15	3	10	15	20		3	1	0.4		1.0	10	1.7		600		4		6	60		43
PN3563	TO-92 (92)	30	15	2	50	15	20	200	8	10					1.7		600	1500	8					43
PN3564	TO-92 (92)	30	15	4	50	15	20	500	15	10	0.3		0.97	20	3.5		400	1200	15					43
PN5130	TO-92 (92)	30	12	1	50	10	15	250	8	10	0.6		1.0	10	1.7		450		8					43
2N4134	TO-72	30	30	3	50	10	25	200	4	5					0.5		350	800	4		2.5	60		44
2N4135	TO-72	30	30	3	50	10	25	200	4	5					0.5		425	800	4		5	450		44
MPS6568A	TO-92 (91)	20	20	3	50	10	20	200	4	5	0.3		0.96	10	0.65		375	800	4		3.3	200		44
MPS6569	TO-92 (91)	20	20	3	50	10	20	200	4	5	3		0.96	10	0.25	0.5	300	800	4		6	45		44
MPS6570	TO-92 (91)	20	20	3	50	10	20	200	4	5	3		0.96	10	0.25	0.5	300	800	4		6	45		44
MPSH30	TO-92 (91)	20	20	3	50	10	20	200	4	5	0.3		0.96	10	0.65		300	800	4		6	45		44
MPSH31	TO-92 (91)	20	20	3	50	10	20	200	4	5	0.3		0.96	10	0.65		300	800	4		6	45		44
SE5020	TO-72	20	20	3	50	10	20	200	4	5	3.0		0.96	10	0.25	0.5	375	800	4		3.3	200		44
SE5021	TO-72	20	20	3	50	10	20	200	4	5	3.0		0.96	10	0.25	0.5	375	800	4		4	200		44
SE5022	TO-72	20	20	3	50	10	20	200	4	5	3.0		0.96	10	0.25	0.5	300	800	4					44
SE5023	TO-72	20	20	3	50	10	20	200	4	5	3.0		0.96	10	0.25	0.5	300	800	4		6	45		44
SE5024	TO-72	20	20	3	50	10	20	200	4	5	3.0		0.96	10	0.25	0.5	300	800	4		6	45		44
SE5050	TO-72	20	20	3	50	10	20	200	4	5	3.0		0.96	10	0.25	0.5	300		4		4	100		44
SE5051	TO-72	20	20	3	50	10	20	200	4	5	3.0		0.96	10	0.25	0.5	300		4					44
SE5052	TO-72	20	20	3	50	10					3.0			10			375		4		4	200		44
MPSH32	TO-92 (96)	30	30	4	50	10	27	200	4	5	0.3		1.2	10	0.22		300		4					45
SE5055	TO-72	20	20	3	50	20	20	220	2	10	2.75			10	0.22		300		2		5	45		45
PE5025	TO-92 (92)	30	30	3	50	30	20	100	10	10	0.6			20	0.6	1	300	700	10					46