



GENERAL PURPOSE AMPS (Cont.)

N-Channel FETs

Transistor Type	Case Style	BV _{GSS} *BV _{GDO} (V) @ I _G		I _{GSS} *I _{DGO} (nA) @ V _{DG}		V _p @ V _{DS} (V) I _D (nA)			I _{DSS} (mA) @ V _{DS} (V)			G _{fs} (mMho) @ V _{DS} (V)			G _{oss} (μMho) V _{DS} (V)		C _{iss} (pF) @ V _{DS} (V) V _{GS} (V)			C _{rss} (pF) @ V _{DS} (V) V _{GS} (V)			\bar{e}_n ($\frac{NV}{\sqrt{Hz}}$) @ Freq (Hz)	Process No.		
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Max	Max	Max	Max	Max	Max	Max						
2N4220A	TO-72	30	10	0.1	15	4	15	.1	0.5	3	15	1	4	15	10	15	6	15	0	2	15	0	115	100	52	
2N4221	TO-72	30	10	0.1	15	6	15	.1	2	6	15	2	5	15	20	15	6	15	0	2	15	0			55	
2N4221A	TO-72	30	10	0.1	15	6	15	.1	2	6	15	2	5	15	20	15	6	15	0	2	15	0	115	100	55	
2N4222	TO-72	30	10	0.1	15	8	15	.1	5	15	15	2.5	6	15	40	15	6	15	0	2	15	0			55	
2N4222A	TO-72	30	10	0.1	15	8	15	.1	5	15	15	2.5	6	15	40	15	6	15	0	2	15	0	115	100	55	
2N4302	TO-106	30	1	1	10	4	20	10	0.5	5	20	1	1	20	50	20	6	20	0	3	20	0	100	1000	52	
2N4303	TO-106	30	1	1	10	6	20	10	4	10	20	2	2	20	50	20	6	20	0	3	20	0	100	1000	52	
2N4304	TO-106	30	1	1	10	10	20	10	0.5	15	20	1	1	20	50	20	6	20	0	3	20	0	125	1000	52	
2N4338	TO-18	50	1	0.1	30	0.3	1	15	100	0.2	0.6	15	0.6	1.8	15	5	15	7	15	0	3	15	0	68	1000	52
2N4339	TO-18	50	1	0.1	30	0.6	1.8	15	100	0.5	1.5	15	0.8	2.4	15	15	15	7	15	0	3	15	0	68	1000	52
2N4340	TO-18	50	1	0.1	30	1	3	15	100	1.2	3.6	15	1.3	3	15	30	15	7	15	0	3	15	0	68	1000	52
2N4341	TO-18	50	1	0.1	30	2	6	15	100	3	9	15	2	4	15	60	15	7	15	0	3	15	0	68	1000	52
2N5103	TO-72	25	10	0.1	15	0.5	4	15	1	1	8	15	2	8	15	100	15	5	15	0	1	15	0	100	10	50
2N5104	TO-72	25	1	0.1	15	0.5	4	15	1	2	6	15	3.5	7.5	15	100	15	5	15	0	1	15	0	50	10	50
2N5163	TO-106	25	1	10	15	0.4	8	15	1000	1	40	15	2	9	15	200	15	12	15	0	3	15	0	50	1000	50
2N5358	TO-72	40	1	0.1	20	0.5	3	15	100	0.5	1	15	1	3	15	10	15	6	15	0	2	15	0	115	100	52
2N5359	TO-72	40	1	0.1	20	0.8	4	15	100	0.6	1.6	15	1.2	3.6	15	10	15	6	15	0	2	15	0	115	100	52
2N5360	TO-72	40	1	0.1	20	0.8	4	15	100	0.5	2.5	15	1.4	4.2	15	20	15	6	15	0	2	15	0	115	100	52
2N5361	TO-72	40	1	0.1	20	1	6	15	100	2.5	5	15	1.5	4.5	15	20	15	6	15	0	2	15	0	115	100	55
2N5362	TO-72	40	1	0.1	20	2	7	15	100	4	8	15	2	5.5	15	40	15	6	15	0	2	15	0	115	100	55
2N5363	TO-72	40	1	0.1	20	2.5	8	15	100	7	14	15	2.5	6	15	40	15	6	15	0	2	15	0	115	100	55
2N5364	TO-72	40	1	0.1	20	2.5	8	15	100	9	18	15	2.7	6.5	15	60	15	6	15	0	2	15	0	115	100	55
2N5457	TO-92	25	1	1	15	0.5	6	15	10	1	5	15	2	5	15	50	15	7	15	0	3	15	0			55
2N5458	TO-92	25	1	1	15	1	7	15	10	2	9	15	1.5	5.5	15	50	15	7	15	0	3	15	0			55
2N5459	TO-92	25	1	1	15	2	8	15	10	4	16	15	2	6	15	50	15	7	15	0	3	15	0			55
2N5556	TO-72	30	1	0.1	15	0.2	4	15	1	0.5	2.5	15	1.5	6.5	15	20	15	6	15	0	3	15	0	35	10	50
2N5557	TO-72	30	1	0.1	15	0.2	4	15	1	0.5	2.5	15	1.5	6.5	15	20	15	6	15	0	3	15	0	35	10	50
2N5558	TO-72	30	1	0.1	15	0.8	5	15	1	2	5	15	1.5	6.5	15	20	15	6	15	0	3	15	0	35	10	50
2N5716	TO-92	40	10	1	20	0.2	3	15	1	0.05	0.25	15	0.2	1	15	25	15	5	15	0	1.5	15	0			52(72)
2N5717	TO-92	40	10	1	20	0.5	5	15	1	0.2	1	15	0.4	1.6	15	25	15	5	15	0	1.5	15	0			52
2N5718	TO-92	40	10	1	20	1	8	15	1	0.8	4	15	0.5	2	15	25	15	5	15	0	1.5	15	0			52
E100	TO-106	30	1	0.5	20	0.3	10	20	10	0.2	20	20	0.5	0.5	20			8	20	0	3	20	0			52
E101	TO-106	30	1	0.5	20	0.3	1.5	20	10	0.2	1	20	0.5	0.5	20			8	20	0	3	20	0			52
E102	TO-106	30	1	0.5	20	0.8	4	20	10	0.9	4.5	20	1	1	20			8	20	0	3	20	0			52
E103	TO-106	30	1	0.5	20	2	10	20	10	4	20	20	1.5	1.5	20			8	20	0	3	20	0			52
KE3684	TO-106	50	1	1	30	2	5	20	1	2.5	7.5	20	2	3	20	50	20	4	20	0	1.2	20	0	150	20	52