

# N - Channel Junction Field Effect Transistors

## GENERAL PURPOSE

TYPE NO.	CASE	MAXIMUM RATINGS		$I_{DSS}$ (mA)		$Y_{fs}$ (mmhos)		$V_{GS(off)}$ (V)		$C_{iss}$ (pF)	$C_{rss}$ (pF)	NF (dB)
		$P_d$ (mW)	$BV_{GSS}$ (V)	min	max	min	max	min	max	max	max	max
BC264A	TO-92DE	300	30	2	4.5	2.5	-	0.5	8	4+	1.2+	2
BC264B	TO-92DE	300	30	3.5	6.5	3	-	0.5	8	4+	1.2+	2
BC264C	TO-92DE	300	30	5	8	3.5	-	0.5	8	4+	1.2+	2
BC264D	TO-92DE	300	30	7	12	4	-	0.5	8	4+	1.2+	2
BF246A	TO-92DA	250	25	30	80	8	17	0.6	14.5	11+	3.5+	-
BF246B	TO-92DA	250	25	60	140	8	17	0.6	14.5	11+	3.5+	-
BF246C	TO-92DA	250	25	110	250	8	17	0.6	14.5	11+	3.5+	-
BF247A	TO-92DE	250	25	30	80	8	17	0.6	14.5	11+	3.5+	-
BF247B	TO-92DE	250	25	60	140	8	17	0.6	14.5	11+	3.5+	-
BF247C	TO-92DE	250	25	110	250	8	17	0.6	14.5	11+	3.5+	-
2N5103	TO-72DH	300	25	1	8	2	8	0.5	4	5	1	-
2N5104	TO-72DH	300	25	2	6	3.5	7.5	0.5	4	5	1	-
2N5556	TO-72DH	300	30	0.5	2.5	1.5	6.5	0.2	4	6	3	1
2N5557	TO-72DH	300	30	2	5	1.5	6.5	0.8	5	6	3	1
2N5558	TO-72DH	300	30	4	10	1.5	6.5	1.5	6	6	3	1

## VHF/UHF AMPLIFIER

TYPE NO.	CASE	MAXIMUM RATINGS		$I_{DSS}$ (mA)		$Y_{fs}$ (mmhos)		$V_{GS(off)}$ (V)		$C_{iss}$ (pF)	$C_{rss}$ (pF)	NF (dB)
		$P_d$ (mW)	$BV_{GSS}$ (V)	min	max	min	max	min	max	max	max	max
BF244A	TO-92DA	300	30	2	6.5	3	6.5	0.5	8	4	1.6	1.5+
BF244B	TO-92DA	300	30	6	15	3	6.3	0.5	8	4	1.6	1.5+
BF244C	TO-92DA	300	30	12	25	3	6.5	0.5	8	4	1.6	1.5+
BF245A	TO-92DE	300	30	2	6.5	3	6.5	0.5	8	4	1.6	1.5+
BF245B	TO-92DE	300	30	6	15	3	6.5	0.5	8	4	1.6	1.5+
BF245C	TO-92DE	300	30	12	25	3	6.5	0.5	8	4	1.6	1.5+
BF256A	TO-92DE	360	30	3	7	4.5	-	0.5	7.5	4.5	1.2	7.5+
BF256B	TO-92DE	360	30	6	13	4.5	-	0.5	7.5	4.5	1.2	7.5+
BF256C	TO-92DE	360	30	11	18	4.5	-	0.5	7.5	4.5	1.2	7.5+
2N3819	TO-92DA	300	25	2	20	2	6.5	-	8	8	4	-
2N3823	TO-72DH	300	30	4	20	3.5	6.5	-	8	6	2	2.5
2N4223	TO-72DH	300	30	3	18	3	7.7	-	8	6	2	5
2N4224	TO-72DH	300	30	2	20	2	7	-	8	0.8	2	-
2N4416	TO-72DH	300	30	5	15	4.5	7.5	-	6	4	0.8	4
2N4416A	TO-72DH	300	35	5	15	4.5	7.5	2.5	6	4	0.8	4
2N5248	TO-92DA	360	30	4	20	3.5	6.5	1	8	6	2	-
2N5484	TO-92DD	310	25	1	5	3	6	0.3	3	5	1	3
2N5485	TO-92DD	310	25	4	10	3.5	7	0.5	4	5	1	2
2N5486	TO-92DD	310	25	8	20	4	8	2	6	5	1	2
2N5668	TO-92DD	310	25	1	5	1.5	6.5	0.2	4	7	3	2.5
2N5669	TO-92DD	310	25	4	10	2	6.5	1	6	7	3	2.5
2N5670	TO-92DD	310	25	8	20	3	7.5	2	8	7	3	2.5

+ typical value