

# RF-IF High Frequency Transistors

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H <sub>FE</sub>				V <sub>CE(sat)</sub>		f <sub>T</sub> min (MHz)	C <sub>ob</sub> max (pF)	N.F. max (dB)
			P <sub>d</sub> (mW)	I <sub>C</sub> (mA)	V <sub>CEO</sub> V <sub>CBO</sub> *	min	max	I <sub>C</sub> (mA)	V <sub>CE</sub> (V)	max (V)	I <sub>C</sub> (mA)			
MPSH11	N	TO-92C	310	50	25	60	-	5	10	0.5	10	800	0.9	6
MPSH17	N	TO-92C	625	50	15	25	250	2	12	1.3	10	100	3.2	-
PN3563	N	TO-92A	250	50	12	20	200	8	10	-	-	600	1.7	4+
PN3564	N	TO-92A	250	50	15	20	200	15	10	0.3	20	400	3.5	-
PN5130	N	TO-92A	250	50	12	15	250	8	10	0.6	10	450	1.7	4+
PN5132	N	TO-92A	250	50	20	30	400	10	10	0.2	10	200	3.5	-
2N917	N	TO-72G	200	50	15	20	200	3	1	0.5	3	500	1.7	6
2N918	N	TO-72G	200	50	15	20	-	3	1	0.4	10	600	1.7	6
2N3662	N	TO-92B	200	25	12	20	-	8	10	0.6	10	700	1.5	4
2N3663	N	TO-92B	200	25	12	20	-	8	10	0.6	10	700	1.5	4
2N3825	N	TO-92B	250	100	15	20	-	2	10	0.25	2	200	3.5	4
2N3826	N	TO-92B	360	30	45	40	160	10	10	-	-	200	3.5	4
2N3827	N	TO-92B	360	30	45	100	400	10	10	-	-	200	3.5	4
2N3854	N	TO-92B	200	100	18	35	70	2	4.5	0.2	10	100	3.5	-
2N3854A	N	TO-92B	200	100	30	35	70	2	4.5	0.2	10	100	3.5	-
2N3855	N	TO-92B	200	100	18	60	120	2	4.5	0.2	10	130	3.5	-
2N3855A	N	TO-92B	200	100	30	60	120	2	4.5	0.2	10	130	3.5	-
2N3856	N	TO-92B	200	100	18	100	200	2	4.5	0.2	10	140	3.5	-
2N3856A	N	TO-92B	200	100	30	100	200	2	4.5	0.2	10	140	3.5	-
2N4292	N	TO-92B	200	50	15	20	-	3	1	0.6	10	600	3.5	6
2N4293	N	TO-92B	200	50	15	20	-	3	1	0.6	10	600	3.5	6
2N4994	N	TO-92F	360	30	45	40	160	10	10	-	-	200	3.5	-
2N5179	N	TO-72G	200	50	12	25	250	3	1	0.4	10	600+	1	4.5
2N5180	N	TO-72G	180	-	15	20	200	2	8	0.3	10	650	1	-
2N5181	N	TO-72G	180	50	45 *	27	-	1	6	-	-	400	-	-
2N5182	N	TO-72G	180	-	35 *	27	-	1	6	-	-	400	-	-
2N5770	N	TO-92A	625	50	15	20	-	3	1	0.4	10	600+	1.7	6
2SC717	N	TO-92B	200	50	19	40	-	1	6	1	20	600	2	-
2SC817	N	TO-72G	120	20	15	35	300 #	1	1	-	-	550	0.7*	-
2SC829	N	TO-92B	250	30	20	40	250 #	1	10	0.1	10	150	1.6*	-
2SC838	N	TO-92B	250	50	25	30	180 #	0.5	3	0.3	10	150	2.5	-
2SC839	N	TO-92B	250	50	25	30	180 #	0.5	3	0.3	10	150	2.5	4
2SC929	N	TO-92B	120	30	10	40	320 #	1	6	-	-	170	1.6*	-
2SC930	N	TO-92B	120	30	10	25	320 #	1	6	-	-	170	1.6*	-
2SC1047	N	TO-92B	150	15	20	40	160	1	6	-	-	450	1*	5
2SC1215	N	TO-92B	200	50	20	25	-	2	10	0.1+	10	600	1.5*	20+
2SC1293	N	TO-92B	300	50	25	15	120	1	6	-	-	200	1.8*	-
2SC1359	N	TO-92B	250	30	20	50	200	1	10	0.1+	10	150	1.5*	4
2SC1674	N	TO-92B	250	30	20	40	180 #	1	6	-	-	350	1.3	-
2SC1730	N	TO-92B	300	50	15	60	180 #	5	10	0.5	10	800	1.5	-
2SC1789	N	TO-92B	200	50	18	20	-	2	10	-	-	600	1.5*	-
2SC1923	N	TO-92B	100	20	30	25	140 #	1	6	-	-	500	0.7+*	4

# HFE groupings available + typical value