

RF-IF High Frequency Transistors

TYPE NO.	POLARITY	CASE	MAXIMUM RATINGS			H _{FE}				V _{CE(SAT)}		f _T min (MHz)	Cob Cre [•] max (pF)	N.F. max (dB)
			P _d (mW)	I _C (mA)	V _{CEO} (V)	min	max	I _C (mA)	V _{CE} (V)	max (V)	I _C (mA)			
MPS918	N	TO-92A	350	50	15	20	—	3	1	0.4	10	600	1.7	—
MPS3563	N	TO-92A	350	50	12	20	200	8	10	—	—	600	1.7	6
MPS3693	N	TO-92A	350	50	45	40	160	10	10	—	—	200	3.5	4+
MPS3694	N	TO-92A	350	50	45	100	400	10	10	—	—	200	3.5	4+
MPS3826	N	TO-92A	350	100	45	40	160	10	10	—	—	200	3.5	—
MPS3827	N	TO-92A	350	100	45	100	400	10	10	—	—	200	3.5	—
MPS6507	N	TO-92A	350	100	20	25	—	2	10	—	—	700	2.5	—
MPS6511	N	TO-92A	350	100	20	25	—	10	10	—	—	—	2.5	—
MPS6539	N	TO-92C	350	50	20	20	—	4	10	—	—	500	0.7	4.5
MPS9425	N	TO-92A	350	50	18	25	160 #	1	5	0.3+	10	300	1.8	—
MPS9623	N	TO-92A	310	100	18	25	300 #	1	5	0.5	10	100	3.5	—
MPS9624	N	TO-92A	310	100	30	25	300 #	1	5	0.5	10	100	3.5	—
MPS9625	N	TO-92A	310	50	12	25	300 #	1	5	0.3+	10	250	1.8	—
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	—
PN918	N	TO-92A	600	50	15	20	—	3	1	0.4	10	600	1.7	—
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	—
2N915	N	TO-18	360	—	50	50	200	10	5	1	10	250	3.5	—
2N916	N	TO-18	360	—	25	50	200	10	1	0.5	10	300	6	—
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
2N2615	N	TO-18	300	—	15	20	—	3	1	—	—	500	2.8	—
2N2616	N	TO-18	300	50	15	20	—	3	1	0.4	10	600	2.8	6
2N2865	N	TO-72G	200	50	13	20	200	4	10	0.4	10	600	2.5	4.5
2N3478	N	TO-72G	200	—	15	25	150	2	8	—	—	750	1	4.5
2N3563	N	TO-106	200	50	12	20	200	8	10	—	—	600	1.7	4
2N3564	N	TO-106	200	100	15	20	500	15	10	0.3	20	400	3.5	4
2N3600	N	TO-72G	200	—	15	20	150	3	1	0.4	10	850	—	4.5
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
2N3693	N	TO-106	200	20	45	40	160	10	10	0.4	10	200	3.5	4
2N3694	N	TO-106	200	30	45	100	400	10	10	0.25	10	200	3.5	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
2N2854	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	—
2N3932	N	TO-72G	200	—	20	40	150	2	8	—	—	750	0.55 •	4.5
2N3933	N	TO-72G	200	—	30	60	200	2	8	—	—	750	0.55 •	4
2N4259	N	TO-72G	175	—	30	60	250	2	8	—	—	750	0.55 •	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
2N4934	N	TO-72J	200	—	30	40	170	2	8	—	—	700	—	3.5
2N4935	N	TO-72J	200	—	40	60	200	2	8	—	—	700	—	3.6
2N4936	N	TO-72J	200	—	40	60	250	2	8	—	—	700	—	4.5
2N4994	N	TO-92F	360	30	45	40	160	10	10	—	—	200	3.5	—
2N4995	N	TO-92F	360	30	45	100	400	10	10	—	—	200	3.5	—

+ Typical value # H_{FE} groupings available