

RF Amplifiers

Devices		V _{CE0} (Sat) (Volts) Min	I _C (mA) Max	h _{FE} @ I _C V _{CE}			f _T (MHz) Min	C _{ob} pF Max	NF (dB) @ f		Package
NPN	PNP			Min	mA	V			Max	MHz	
2N3663		12	50	20	8.0	10	700	1.70	6.5	60	TO-92(94)
2N5179		12	50	25	3.0	1.0	900	1.0	4.5	200	TO-72
MMBT5179		12	50	25	3.0	1.0	900	1.0	4.5	200	TO-236*
MPS5179		12	50	25	3.0	1.0	900	1.0	4.5	200	TO-92(92)
2N5770		15	50	20	3.0	1.0	900	1.1	6.0	60	TO-92(92)
2N918		15	50	20	3.0	1.0	600	1.7	6.0	60	TO-72
MMBT918		15	50	20	3.0	1.0	600	1.7	6.0	60	TO-236*
PN918		15	50	20	3.0	1.0	600	1.7	6.0	60	TO-92(92)
BF199		25	100	40	7.0	10	750 Typ.	0.35 Typ.	2.5 Typ.	35	TO-92(98)
MMBT10		25	50	60	4.0	10	650	0.7			TO-236*
MPSH10		25	50	60	4.0	10	650	0.7			TO-92(96)
MMBT11		25	50	60	4.0	10	660	0.9			TO-236*
MPSH11		25	50	60	4.0	10	660	0.9			TO-92(96)
MMBT24		30	100	30	8.0	10	400	0.36			TO-236*
MPSH24		30	100	30	8.0	10	400	0.36			TO-92(96)
MMBT34		45	100	40	7.0	15	500	0.32			TO-236*
MPSH34		45	100	40	7.0	15	500	0.32			TO-92(96)
PN3663		12	50	20	8.0	10	600	1.7	6 Typ.	60	TO-92(92)
	MMBT81	20	50	60	5.0	10	600	0.85			TO-236*
	MPSH81	20	50	60	5.0	10	600	0.85			TO-92(96)

* TO-236AB is standard for all devices.
Please refer to Surface Mount section for TO-236 Device Marking.

7

