

# Junction FETs\*

## RF Amplifiers



TO-72



TO-92

### N-Channel

CASE	TYPE NO.	Re  Y <sub>fs</sub>		Re  Y <sub>os</sub>		C <sub>iss</sub>	C <sub>rss</sub>	NF		V <sub>(BR)GSS</sub>	V <sub>GS(off)</sub>		I <sub>DSS</sub>		PIN OUT	
		(mmho)	@	(μmho)	@			(pF)	(pF)		(dB)	@	(V)	(V)		(mA)
			f		f							RG=1K				
MIN	(MHz)	MAX	(MHz)	MAX	MAX	MAX	MAX	f (MHz)	MIN	MIN	MAX	MIN	MAX			
TO-92	2N3819	1.6	100	---	---	8.0	4.0	---	---	25	---	8.0	2.0	20	DGS	
TO-72	2N4416	4.0	400	100	400	4.0	0.8	4.0	400	30	---	6.0	5.0	15	SDGC	
TO-72	2N4416A	4.0	400	100	400	4.0	0.8	4.0	400	35	2.0	6.0	5.0	15	SDGC	
TO-92	2N5484	2.5	100	75	100	5.0	1.0	3.0	100	25	0.3	3.0	1.0	5.0	DSG	
TO-92	2N5485	3.0	400	100	400	5.0	1.0	4.0	400	25	0.5	4.0	4.0	10	DSG	
TO-92	2N5486	3.5	400	100	400	5.0	1.0	4.0	400	25	2.0	6.0	8.0	20	DSG	
TO-92	2N5949	3.0	100	75	100	6.0	2.0	5.0	100	30	3.0	7.0	12	18	GSD	
TO-92	2N5950	3.0	100	75	100	6.0	2.0	5.0	100	30	2.5	6.0	10	15	GSD	
TO-92	2N5951	3.0	100	75	100	6.0	2.0	5.0	100	30	2.0	5.0	7.0	13	GSD	
TO-92	2N5952	1.0	100	75	100	6.0	2.0	5.0	100	30	1.3	3.5	4.0	8.0	GSD	
TO-92	2N5953	1.0	100	50	100	6.0	2.0	5.0	100	30	0.8	3.0	2.5	5.0	GSD	

\* Some JFET types available on special order only; please consult factory.