

**DISCRETE PRODUCTS**

T-31-25  
T-27-25

**Differential Amplifiers (Continued)**

Junction FETs — N-Channel (Continued)

PART NUMBER	PACKAGE	$V_{GS1-2}$	$\Delta V_{GS}$	$I_G$	$BV_{GSS}$	$V_P$		$g_{fs}$		$I_{DSS}$		$e_n$	COMMENTS
		mV Max	$\mu V/^\circ C$ Max	pA Max	V Min	Min	Max	mmho* Min	mmho* Max	mA Min	mA Max	nV/ $\sqrt{Hz}$ Max	
ITC5911	TO-99	10	20	-100	-25	-1.0	-5.0	5/10 @ 5mA		7.0	40.0	20 @ 10kHz	RF Amplifier
ITC5912	TO-99	15	40	-100	-25	-1.0	-5.0	5/10 @ 5mA		7.0	40.0	20 @ 10kHz	RF Amplifier

**MOSFETs — Monolithic Dual P-Channel (Enhancement)**

PART NUMBER	PACKAGE	$V_{GS(TH)}$		$BV_{DSS}$	$I_{DSS}$	$I_{GSS}$	$g_{fs}$	$I_{D(ON)}$		$r_{DS(ON)}$	$V_{GS 1-2}$	COMMENTS
		Min	Max	V Min/Max	pA Max	pA Max	$\mu mho$ Min	mA Min	mA Max	$\Omega$ Max	mV Max	
3N165	TO-99	-2	-5	-40	-200	-10	1500	-5.0	-30	300	100	Low Leakage
3N166	TO-99	-2	-5	-40	-200	-10	1500	-5.0	-30	300		Low Leakage
3N190	TO-99	-2	-5	-40	-200	-10	1500	-5.0	-30	300	100	High Input Z
3N191	TO-99	-2	-5	-40	-200	-10	1500	-5.0	-30	300		High Input Z

\*@ $I_{DSS}$