

Siliconix VHF/UHF FETs



Spec/Price Tradeoff

(n-channel — junction)

Type	Package	IGSS Max nA	BV _{GSS} Min V	V _P Max V	I _{DSS}		g _{fs} Min μmho	g _{oss} Max μmho	C _{iss} Max pF	C _{rss} Max pF	Series Features	Pricing		
					Min mA	Max mA						1-29	30-99	100-999
E300	Epoxy	0.5	25	6	6	20	5,000	200	5	1.5	600 MHz	\$ 1.40	\$ 1.12	\$.95
U183	TO-72	2	25	8	2	20	2,000	50	8	4		1.40	1.20	.95
U184	TO-72	1	25	8	3	30	3,000	150	4	1	Low C _{rss}	2.75	2.20	1.85
U221	TO-5	1	50	8	50	110	15,000		28	7	High Power	16.00	12.80	10.70
U222	TO-5	1	50	10	100	250	20,000		28	7		19.00	15.20	12.75
U244	TO-60	1	25	8	300	900	80,000		35	15		29.75	23.75	19.75
U257	TO-78	0.1	25	5	5	40	5,000	150	5	1.2	Matched Dual	10.30	8.25	6.90
UT100	OD-80 *	0.1	25	6	10	30	6,000	200	5	1.2	1 GHz	8.00	6.40	5.40
UT101	OD-80 *	0.1	25	6	10	30	6,000	200	5	1.2		45.00	35.00	25.00
2N3823	TO-72	0.5	30	8	4	20	3,500	35	6	2		1.80	1.55	1.20
2N4220	TO-72	0.1	30	4	0.5	2.5	1,000	10	6	2	Low C _{rss}	1.65	1.30	1.10
2N4220A	TO-72	0.1	30	4	0.5	2.5	1,000	10	6	2		1.95	1.55	1.30
2N4221	TO-72	0.1	30	6	1	5	2,000	20	6	2		1.65	1.30	1.10
2N4221A	TO-72	0.1	30	6	1	5	2,000	20	6	2		1.95	1.55	1.30
2N4222	TO-72	0.1	30	8	2	6	2,500	40	6	2		1.65	1.30	1.10
2N4222A	TO-72	0.1	30	8	2	6	2,500	40	6	2		1.95	1.55	1.30
2N4223	TO-72	0.25	30	8	3	18	3,000	200	6	2	200 MHz	1.50	1.20	1.00
2N4224	TO-72	0.5	30	8	2	20	2,000	200	6	2		1.50	1.20	1.00
2N4416	TO-72	0.1	30	6	5	15	4,500	50	4	0.8	400 MHz	2.45	1.95	1.65
2N4416A	TO-72	0.1	35	6	5	15	4,500	50	4	0.8		2.75	2.20	1.85
2N5397	TO-72	0.1	25	6	10	30	6,000	200	5	1.2	600 MHz	5.20	4.50	3.90
2N5398	TO-72	0.1	25	6	5	40	5,500	400	5.5	1.3		4.50	4.00	3.25
2N5911	TO-78	0.1	25	5	7	40	5,000	100	5	1.2	Matched Duals	19.65	15.75	13.30
2N5912	TO-78	0.1	25	5	7	40	5,000	100	5	1.2		11.95	9.55	8.00

*Ceramic stripline package.

revised 1/71