

Discretes (continued)

JFET Switches

P/N	I _{loss} mA(min)	V _{GS(off)} V(max)	I _{GSS} pA(max)	r _{DS(on)} Ω(max)	C _{rss} pF(max)	Package	Channel
2N4391	50	-10	-100	30	3.5	TO-18	N
2N4392	25	-5	-100	60	3.5	TO-18	N
2N4393	5	-3	-100	100	3.5	TO-18	N
2N5114	-30	10	500	75	7	TO-18	P
2N5115	-15	6	500	100	7	TO-18	P
2N5116	-5	4	500	150	7	TO-18	P
2N5432	150	-10	-200	5	15	TO-52	N
2N5433	100	-9	-200	7	15	TO-52	N
2N5434	30	-4	-200	10	15	TO-52	N
J108	80	-10	-3000	8	15	TO-92	N
J109	40	-6	-3000	12	15	TO-92	N
J110	10	-4	-3000	18	15	TO-92	N
J111	20	-10	-1000	30	5	TO-92	N
J112	5	-5	-1000	50	5	TO-92	N
J113	2	-3	-1000	100	5	TO-92	N
J174	-20	10	1000	85	5.5	TO-92	P
J175	-7	6	1000	125	5.5	TO-92	P
J176	-2	4	1000	250	5.5	TO-92	P
J177	-1.5	2.25	1000	300	5.5	TO-92	P
SST111	20	-10	-1000	30	5	SOT-23	N
SST112	5	-5	-1000	50	5	SOT-23	N
SST113	2	-3	-1000	100	5	SOT-23	N
SST108	80	-10	-3000	8	15	SOT-23	N
SST109	40	-6	-3000	12	15	SOT-23	N
SST110	10	-4	-3000	18	15	SOT-23	N
SST174	-20	10	1000	85	5	SOT-23	P
SST175	-7	6	1000	125	5	SOT-23	P
SST176	-2	4	1000	250	5	SOT-23	P
SST177	-1.5	2.25	1000	300	5	SOT-23	P
SST4391	50	-10	-1000	30	5	SOT-23	N
SST4392	25	-5	-1000	60	5	SOT-23	N
SST4393	5	-3	-1000	100	5	SOT-23	N

JFET Amplifier Applications

Dual Amplifiers, N-Channel

P/N	I _{loss} mA(min)	I _{GSS} pA(max)	g _{fs} mS(min)	e _N nV/√Hz (typ)	Match V _{GS1-2mV} (max)	Package
2N5911	7	-100	5.0	15	10	TO-78
2N5912	7	-100	5.0	15	15	TO-78
SST5911	7	-100	5.0	10	10	SO-8
SST5912	7	-100	5.0	10	15	SO-8
SST440	6	-500	4.5	10	10	SO-8
SST441	6	-500	4.5	10	20	SO-8
SST404	0.5	-25	2.0	10	15	SO-8
SST405	0.5	-25	2.0	10	20	SO-8
SST406	0.5	-25	2.0	10	40	SO-8
U401	0.5	-25	2.0	10	5	TO-71
U402	0.5	-25	2.0	10	10	TO-71
U403	0.5	-25	2.0	10	10	TO-71
U404	0.5	-25	2.0	10	15	TO-71
U405	0.5	-25	2.0	10	20	TO-71
U406	0.5	-25	2.0	10	40	TO-71
U421	0.06	-1.0	0.3	50	10	TO-78
U422	0.06	-1.0	0.3	50	15	TO-78
U423	0.06	-1.0	0.3	50	25	TO-78
U424	0.06	-3.0	0.3	50	10	TO-78
U425	0.06	-3.0	0.3	50	15	TO-78
U426	0.06	-3.0	0.3	50	25	TO-78
U440	6.0	-500	4.5	10	10	TO-71
U441	6.0	-500	4.5	10	20	TO-71
U443	6.0	-500	4.5	10	10	TO-78
U444	6.0	-500	4.5	10	20	TO-78

JFET Amplifier Applications

Low Noise

P/N	I _{loss} mA(min)	I _{GSS} pA(max)	g _{fs} mS(min)	e _N nV/√Hz (typ)	Package	Channel
2N4338	0.2	-100	0.2	5	TO-18	N
2N4339	0.5	-100	0.8	5	TO-18	N
2N4340	1.2	-100	1.3	5	TO-18	N
2N4341	3.0	-100	2.0	5	TO-18	N
2N5460	-1.0	5000	1.0	50	TO-92	P
2N5461	-2.0	5000	1.5	50	TO-92	P
2N5462	-4.0	5000	2.0	50	TO-92	P
2N5463	-1.0	5000	1.0	50	TO-92	P
2N5464	-2.0	5000	1.5	50	TO-92	P
2N5465	-4.0	5000	2.0	50	TO-92	P
J201	0.2	-100	0.5	5	TO-92	N
J202	0.9	-100	1.0	5	TO-92	N
J203	4.0	-100	1.5	10	TO-92	N
J204	0.2	-100	0.5	10	TO-92	N
SST201	0.2	-100	0.5	5	SOT-23	N
SST202	0.9	-100	1.0	5	SOT-23	N
SST203	4.0	-100	1.5	5	SOT-23	N
SST204	0.2	-100	0.5	10	SOT-23	N
SST5460	-1.0	5000	1.0	50	SOT-23	P
SST5461	-2.0	5000	1.5	50	SOT-23	P
SST5462	-4.0	5000	2.0	50	SOT-23	P
SST5463	-1.0	5000	1.0	50	SOT-23	P
SST5464	-2.0	5000	1.5	50	SOT-23	P
SST5465	-4.0	5000	2.0	50	SOT-23	P

JFET Amplifier Applications

Low Leakage

P/N	I _{loss} mA(min)	I _{GSS} pA(max)	g _{fs} mS(min)	e _N nV/√Hz (typ)	Package	Channel
2N4117A	0.02	-1	0.07	25	TO-72	N
2N4118A	0.08	-1	0.08	25	TO-72	N
2N4119A	0.2	-1	0.1	25	TO-72	N
PN4117A	0.02	-1	0.07	25	TO-92	N
PN4118A	0.08	-1	0.08	25	TO-92	N
PN4119A	0.2	-1	0.1	25	TO-92	N

