

# JUNCTION FET

Item Number	Part Number	Manufacturer	$V_{(BR)GSS}$ (V)	$I_{DSS}$ (A)	$g_{fs}$		$V_{GS(off)}$ Max (V)	$I_{GSS}$ Max (A)	$C_{iss}$ Max (F)	$P_D$ Max (W)	Derate at (W/°C)	$T_{oper}$ Max (°C)	Package Style
					Min	(S) Max							
<b>N-Channel JFETs, (Cont'd)</b>													
-	2SK364	ToshibaCorp	40	20m	12m	28m	1.5	1.0n	30p	400m		125 J	TO-92
-	2SK366	ToshibaCorp	40	20m	12m	28m	1.5	1.0n	30p	200m		125 J	SPAK
-	2SK240	ToshibaCorp	40	20m	15m	22m	1.5	1.0n	6.0p	400m	4.0m	125 J	DIP
-	2SK431	Hitachi Ltd	40	20m	18m	21m	1.5	1.0n	28p	150m		150 J	SOT-23
5	2SK170	ToshibaCorp	40	20m	22m		1.5	1.0n	30p	400m	4.0m	125 J	TO-92
-	UC704	Soliton	40	24m	1.0m	10m	8.0	500p	8.0p	300m			TO-72
-	2SK184	NECElecInc	40	24m	40m	45m	1.2	1.0n	55p	400m		125 J	DIP
-	2SK184	NEC Corp JA	40	24m	40m	45m	1.2	1.0n	55p	400m		125 J	DIP
-	ITE4091	GE/Intersil	40	30m			10	100p	16p	360m	3.3m	135 J	TO-92
10	ITE4091A	GE/Intersil	40	30m			10	100p	16p	360m	3.3m	135 J	TO-92
-	ITE4393	GE/Intersil	40	30m			3.0	100p	14p	360m	3.0m	150 J	TO-92
-	ITE4393	Natl Semi	40	30m			3.0	100p	14p	360m	3.0m	150 J	TO-92
-	J111A	Interfet	40	30m			10	200p	16p	350m		150 S	TO-92
-	J111A	Siliconix	40	30m			10	200p	16p	350m		150 S	TO-92
15	J111A	SprgueElec	40	30m			10	200p	16p	350m		150 S	TO-92
-	KE4393	Semi Inc	40	30m			3.0	1.0n	14p	350m	3.5m	125 S	TO-106
-	KE4393	Natl Semi	40	30m			3.0	1.0n	14p	350m	3.5m	125 S	TO-106
-	MPF4091	Motorola	40	30m			10		16p			135 J	TO-92
-	PMBF4393	PhilipsElec	40	30m			3.0	1.0n	14p	250m		175 J	SOT-23
20	PMBF4393	Telefunken	40	30m			3.0	1.0n	14p	250m		175 J	SOT-23
-	PMBF4393	AmperexElec	40	30m			3.0	1.0n	14p	250m		175 J	SOT-23
-	PN4091	See Index	40	30m			10	200p	16p	360m			TO-92
-	SMPJ111A	Interfet	40	30m			10	200p	16p			150 J	TO-236AB
-	SMPU1897	Interfet	40	30m			10	1.0n	16p			150 J	TO-236AB
25	SMP3972	Interfet	40	30m			3.0	1.0n	25p			150 J	TO-236AB
-	SMP4091	Interfet	40	30m			10	1.0n	16p			150 J	TO-236AB
-	SMP4393	Interfet	40	30m			3.0	1.0n	16p			150 J	TO-236AB
-	SOR4091 (A)	ThmsnCSFEFC	40	30m			10	200p	28p	200m	1.6m	150 J	TO-236
-	SOR4393 (A)	ThmsnCSFEFC	40	30m			3.0	1.0n	26p	200m	1.6m	150 J	TO-236
30	SO4393	ThmsnCSFEFC	40	30m			3	0.1n	26p			150 J	TO-236
-	SO4393R	ThmsnCSFEFC	40	30m			3	0.1n	26p			150 J	TO-236
-	TMPFJ111A	SprgueElec	40	30m			10	200p	16p				TO-236
-	TMPFU1897	SprgueElec	40	30m			10	1.0n	16p				TO-236
-	TMPF3972	SprgueElec	40	30m			3.0	1.0n	25p				TO-236
35	TMPF4091	SprgueElec	40	30m			10	1.0n	16p	350m		150 J	TO-236
-	TMPF4393	SprgueElec	40	30m			3.0	1.0n	16p	350m		150 J	TO-236
-	TPU1897	Interfet	40	30m			10	400p	16p				TO-92
-	TPU1897	SprgueElec	40	30m			10	400p	16p				TO-92
-	TP3972	Interfet	40	30m			3.0	1.0n	25p				TO-92
40	TP3972	SprgueElec	40	30m			3.0	1.0n	25p				TO-92
-	TP4091	Interfet	40	30m			10	1.0n	16p				TO-92
-	TP4091	SprgueElec	40	30m			10	1.0n	16p				TO-92
-	TP4393	SprgueElec	40	30m			3.0	1.0n	16p				TO-92
-	TP4393	Interfet	40	30m			3.0	1.0n	16p				TO-92
45	U1897	Siliconix	40	30m			10	400p	16p	360m	3.2	135 J	TO-92
-	U1897	Semi Inc	40	30m			10	400p	16p	360m	3.2	135 J	TO-92
-	U1897	GE/Intersil	40	30m			10	400p	16p	360m	3.2	135 J	TO-92
-	U1897-18	GE/Intersil	40	30m			10	.4n	16p	360m	3.3m	150 S	TO-92
-	U1897-18	Siliconix	40	30m			10	.4n	16p	360m	3.3m	150 S	TO-92
50	U1897E	Natl Semi	40	30m			10		16p	350m	3.5m	125 J	TO-106
-	U1897E	Semi Inc	40	30m			10		16p	350m	3.5m	125 J	TO-106
-	2N3972	See Index	40	30m			3.0	300p	25p	1.8	10m	200 S	TO-18
-	2N4091	See Index	40	30m			10	500p	16p	1.8	10m	200 S	TO-18
-	2N4393	See Index	40	30m			3.0	100p	14p	1.8	10m	200 J	TO-18
55	IT550	GE/Intersil	40	30m	7.5m	12m	3.0	100p	12p	650m	3.3m	150 J	TO-71
-	NPD5564	Natl Semi	40	30m	7.5m	12m	3.0	100p	12p	325m	2.2m	200 S	DIP
-	NPD5565	Natl Semi	40	30m	7.5m	12m	3.0	100p	12p	325m	2.2m	200 S	DIP
-	NPD5566	Natl Semi	40	30m	7.5m	12m	3.0	100p	12p	325m	2.2m	200 S	DIP
-	2N5564	See Index	40	30m	7.5m	12m	3.0	100p	12p	325m	2.2m	200 S	TO-71
60	2N5565	See Index	40	30m	7.5m	12m	3.0	100p	12p	325m	2.2m	200 S	TO-71
-	2N5566	See Index	40	30m	7.5m	12m	3.0	100p	12p	325m	2.2m	200 S	TO-71
-	2SK369	ToshibaCorp	40	30m	25m	40m	1.2	1.0n	75p	400m		125 J	TO-92
-	2SK371	ToshibaCorp	40	30m	25m	40m	1.2	1.0n	75p	200m		125 J	SPAK
-	2SK363	ToshibaCorp	40	30m	25m	60m	1.2	1.0n	75p	400m		125 J	TO-92
65	2SK372	ToshibaCorp	40	30m	25m	60m	1.2	1.0n	75p	200m		125 J	SPAK
-	2SK146	ToshibaCorp	40	30m	30m		1.2	1.0n	75p	1.2	12m	125 J	DIP
-	2SK147	ToshibaCorp	40	30m	30m		1.2	1.0n	75p	600m	6.0m	125 J	TO-92
-	2SK147V	Indust Mexi	40	30m	30m				75p	600m			TO-92
-	2SK162	NEC Corp JA	40	30m	40m	45m	1.2	1.0n	55p	400m		125 J	TO-92
70	2SK162	NECElecInc	40	30m	40m	45m	1.2	1.0n	55p	400m		125 J	TO-92
-	NF5103	Interfet	40	40m	7.5m		2.7	200p	12p	360m	2.5m	150	TO-72
-	NF5103	Natl Semi	40	40m	7.5m		2.7	200p	12p	360m	2.5m	150	TO-72
-	BSR56	See Index	40	50m			10	1.0n	5.0p	225m	1.8m	150 J	SOT-23
-	BSV78	PhilipsElec	40	50m			11	250p	10p	350m	2.0m	200 J	TO-18
75	BSV78	AmperexElec	40	50m			11	250p	10p	350m	2.0m	200 J	TO-18
-	BSV78	NthAmerSemi	40	50m			11	250p	10p	350m	2.0m	200 J	TO-18
-	MPF3970	Motorola	40	50m			10	250p	25p	310m	2.8m	135 J	TO-226AA
-	MPF4856	Motorola	40	50m			10	250p	18p	360m	2.4m	135 J	TO-226AA
-	MPF4856A	Motorola	40	50m			10	250p	10p	360m	2.4m	135 J	TO-226AA
80	PN4856	Natl Semi	40	50m			10	250p	18p	360m			TO-92
-	PN4856	CentralSemi	40	50m			10	250p	18p	360m			TO-92
-	SMP4856	Interfet	40	50m			10	1.0n	18p			150 J	TO-236AB
-	SMP4856A	Interfet	40	50m			10	1.0n	10p			150 J	TO-236AB
-	TMPF4856	SprgueElec	40	50m			10	250p	18p	350m		150 J	TO-236
85	TMPF4856A	SprgueElec	40	50m			10	1.0n	10p				TO-236
-	TP4856	SprgueElec	40	50m			10	1.0n	18p				TO-92
-	TP4856	Interfet	40	50m			10	1.0n	18p				TO-92
-	TP4856A	SprgueElec	40	50m			10	1.0n	10p				TO-92
-	TP4856A	Interfet	40	50m			10	1.0n	10p				TO-92
90	2N4856	See Index	40	50m			10	250p	18p	360m	2.0m	200 J	TO-18
-	2N4856A	See Index	40	50m			10	250p	10p	360m	2.0m	200 J	TO-18
-	UC705	Soliton	40	50m	2.0m	20m	8.0	1.0n	12p	300m	1.7m	200	TO-72
-	DN5564	Siliconix	40	50m	7.5m	12m	3	100p	12p	650m	3.3m	200 S	TO-71
-	DN5565	Siliconix	40	50m	7.5m	12m	3	100p	12p	650m	3.3m	200 S	TO-71
95	DN5566	Siliconix	40	50m	7.5m	12m	3	100p	12p	650m	3.3m	200 S	TO-71
-	DN5567	Siliconix	40	60m			3	100p	7p	650m	3.3m	200 S	