

# JUNCTION FET

Item Number	Part Number	Manufacturer	V <sub>(BR)GSS</sub> (V)	I <sub>DSS</sub> (A)	g <sub>fs</sub>		V <sub>GS(off)</sub> Max (V)	I <sub>GSS</sub> Max (A)	C <sub>iss</sub> Max (F)	P <sub>D</sub> Max (W)	Derate at (W/°C)	T <sub>Oper</sub> Max (°C)	Package Style
					Min	(S) Max							
<b>N-Channel JFETs, (Cont'd)</b>													
-	2SK582	Sony Corp	30	75m	10m		6.0	1.0n		300m		150 J	SPAK
-	UC251	Soliton	30	75m	12m		6.0	1.0n	25p	500m		200 S	TO-18
-	KE4861	Natl Semi	30	80m			4.0	1.0n	18p	360m			TO-106
-	MMBF4861	Natl Semi	30	80m				250p	18p	350m	2.8m	150 S	SOT-23var
5	PN4861	Natl Semi	30	80m			4.0	250p	18p	360m			TO-92
-	PN4861	CentralSemi	30	80m			4.0	250p	18p	360m			TO-92
-	SMP4861	Interfet	30	80m			4.0	1.0n	18p			150 J	TO-236AB
-	SMP4861A	Interfet	30	80m			4.0	1.0n	10p			150 J	TO-236AB
-	TMPF4861	SprgueElec	30	80m			4.0	1.0n	18p	350m		150 J	TO-236
10	TMPF4861A	SprgueElec	30	80m			4.0	1.0n	10p			150 J	TO-236
-	TP4861	SprgueElec	30	80m			4.0	1.0p	18p				TO-92
-	TP4861	Interfet	30	80m			4.0	1.0p	18p				TO-92
-	TP4861A	Interfet	30	80m			4.0	1.0n	10p				TO-92
-	TP4861A	SprgueElec	30	80m			4.0	1.0n	10p				TO-92
15	2N4861	See Index	30	80m			4.0	250p	18p	360m	2.0m	200 J	TO-18
-	2N4861A	See Index	30	80m			4.0	250p	10p	360m	2.0m	200 S	TO-18
-	2SK518H	NEC Corp JA	30	80m	17m		9.0	1.0n	6.0p	400m		150 J	TO-92
-	2SK519H	NEC Corp JA	30	80m	17m		9.0	1.0n	6.0p	350m		150 J	SPAK
-	UC452	Soliton	30	90m			10	0.5n	25p				TO-18
20	2SK516J	NEC Corp JA	30	95m	17m		9.0	1.0n	6.0p	400m		150 J	TO-92
-	2SK519J	NEC Corp JA	30	95m	17m		9.0	1.0n	6.0p	350m		150 J	SPAK
-	KE4860	Natl Semi	30	100m			6.0	1.0n	18p	360m			TO-106
-	MMBF4860	Natl Semi	30	100m			6.0	500p	8.0p	225m	1.8m	150 J	SOT-23
-	MMBF4860	Motorola	30	100m			6.0	500p	8.0p	225m	1.8m	150 J	SOT-23
25	PN4860	CentralSemi	30	100m			6.0	250p	18p	360m			TO-92
-	PN4860	Natl Semi	30	100m			6.0	250p	18p	360m			TO-92
-	SMP4860	Interfet	30	100m			6.0	1.0n	18p			150 J	TO-236AB
-	SMP4860A	Interfet	30	100m			6.0	1.0n	10p			150 J	TO-236AB
-	TMPF4860	SprgueElec	30	100m			6.0	1.0n	18p	350m		150 J	TO-236
30	TMPF4860A	SprgueElec	30	100m			6.0	1.0n	10p			150 J	TO-236
-	TP4860	Interfet	30	100m			6.0	1.0n	18p				TO-92
-	TP4860	SprgueElec	30	100m			6.0	1.0n	18p				TO-92
-	TP4860A	SprgueElec	30	100m			6.0	1.0n	10p				TO-92
35	TP4860A	Interfet	30	100m			6.0	1.0n	10p				TO-92
-	2N4860	See Index	30	100m			6.0	250p	18p	360m	2.0m	200 J	TO-18
-	2SK518K	NEC Corp JA	30	110m	17m		9.0	1.0n	6.0p	400m		150 J	TO-92
-	2SK519K	NEC Corp JA	30	110m	17m		9.0	1.0n	6.0p	350m		150 J	SPAK
-	MPP4391A	Motorola	30	130m			10		10p			135 J	TO-92
-	A197	Powerex Inc	30	150m			10	.50n	16p	200m	1.6m	150 J	TO-106
40	MMBF4391	Motorola	30	150m			10	1.0n	14p	225m	1.8m	150 J	SOT-23
-	MMBF4391	Natl Semi	30	150m			10	1.0n	14p	225m	1.8m	150 J	SOT-23
-	U202	GE/Intersil	30	150m			10	1.0n	30p	1.8	10m	200 S	TO-18
-	U202	Soliton	30	150m			10	1.0n	30p	1.8	10m	200 S	TO-18
-	UC250	Soliton	30	150m	20m		10	1.0n	25p	500m		200 S	TO-18
45	TPU291	SprgueElec	30	200m			4.5	1.0n	50p				TO-92
-	TPU291	Interfet	30	200m			4.5	1.0n	50p				TO-92
-	U291	Siliconix	30	200m			4.5	1.0n	60p	300m	2.3m	150 A	TO-52
-	U291	SprgueElec	30	200m			4.5	1.0n	60p	300m	2.3m	150 A	TO-52
-	TPU290	Interfet	30	500m			10	1.0n	50p				TO-92
50	TPU290	SprgueElec	30	500m			10	1.0n	50p				TO-92
-	U290	Soliton	30	500m			10	1.0n	60p	300m	2.3m	150 A	TO-52
-	U290	Siliconix	30	500m			10	1.0n	60p	300m	2.3m	150 A	TO-52
-	U290	SprgueElec	30	500m			10	1.0n	60p	300m	2.3m	150 A	TO-52
55	TP3966	Interfet	30	2.0			6.0	1.0n	6.0p				TO-92
-	TP3966	SprgueElec	30	2.0			6.0	1.0n	6.0p				TO-92
-	2N6905	Siliconix	35	0.5m	2.0m	7.0m	3.0	15p	8.0p	500m	5.0m	300 C	TO-71
-	2N6906	Siliconix	35	0.5m	2.0m	7.0m	3.0	15p	8.0p	500m	5.0m	300 C	TO-71
-	2N6907	Siliconix	35	0.5m	2.0m	7.0m	3.0	15p	8.0p	500m	5.0m	300 C	TO-71
-	E113	Natl Semi	35	2.0m			3.0	1.0n	28p	350m	3.5m	125 A	TO-106var
60	J113	See Index	35	2.0m			3.0	1.0n	10p	360m	3.3m	150 J	TO-226AA
-	J113-18	Siliconix	35	2.0m			3.0	1.0n	5.0p	360m	3.2	135 J	N/A
-	MMBFJ113	Motorola	35	2m				1n		350m	2.8m	150 S	SOT-23var
-	MMBFJ113	Natl Semi	35	2m				1n		350m	2.8m	150 S	SOT-23var
65	SMPJ113	Interfet	35	2.0m			3.0	1.0n	16p			150 J	TO-236AB
-	TMPFJ113	SprgueElec	35	2.0m			3.0	1.0n	16p				TO-236
-	E112	Swampscott	35	5.0m			5.0	1.0n	28p	350m	3.5m	125 A	TO-106var
-	E112	Semi Inc	35	5.0m			5.0	1.0n	28p	350m	3.5m	125 A	TO-106var
-	E112	Natl Semi	35	5.0m			5.0	1.0n	28p	350m	3.5m	125 A	TO-106var
-	J112	See Index	35	5.0m			5.0	1.0n	28p	360m	3.3m	150 J	TO-226AA
70	J112-18	Siliconix	35	5.0m			5.0	1.0n	5.0p	360m	3.2	135 J	N/A
-	MMBFJ112	Natl Semi	35	5m				1n		350m	2.8m	150 S	SOT-23var
-	SMPJ112	Interfet	35	5.0m			5.0	1.0n	16p			150 J	TO-236AB
-	TMPFJ112	SprgueElec	35	5.0m			5.0	1.0n	16p				TO-236
75	MPP4416A	Motorola	35	15m			6.0		4.0p	360m		150 S	TO-226
-	SMP4416A	Interfet	35	15m	4.5m	7.5m	6.0	1.0n	4.5p			150 J	TO-236AB
-	TMPF4416A	SprgueElec	35	15m	4.5m	7.5m	6.0	1.0n	4.5p	350m		150 J	TO-236
-	2N4416A	See Index	35	15m	4.5m	7.5m	6.0	100p	4.0p	300m	1.7m	200 S	TO-72
-	TP4416A	SprgueElec	35	15m	4.5	7.5	6.0	1.0n	4.5p				TO-92
-	TP4416A	Interfet	35	15m	4.5	7.5	6.0	1.0n	4.5p				TO-92
80	E111	Soliton	35	20m			10	1.0n	28p	350m	3.5m	125 A	TO-106var
-	E111	Natl Semi	35	20m			10	1.0n	28p	350m	3.5m	125 A	TO-106var
-	J111	See Index	35	20m			10	1.0n	10p	360m	3.3m	150 J	TO-226AA
-	J111-18	Siliconix	35	20m			10	1.0n	5.0p	360m	3.2	135 J	TO-92
85	MMBFJ111	Natl Semi	35	20m				1n		350m	2.8m	150 S	SOT-23var
-	SMPJ111	Interfet	35	20m			10	1.0n	16p			150 J	TO-236AB
-	TMPFJ111	SprgueElec	35	20m			10	1.0n	16p				TO-236
-	KE4091	Natl Semi	40				10	1.0n	16p	360m			TO-106
-	KE4092	Natl Semi	40				7.0	1.0n	16p	360m			TO-106
-	KE4093	Swampscott	40				5.0	1.0n	16p	360m			TO-106
90	KE4093	Natl Semi	40				5.0	1.0n	16p	360m			TO-106
-	KE4856	Natl Semi	40				10	1.0n	18p	360m			TO-106
-	BFT10SM	SprgueElec	40		6.0m	20m		800p	4.0p	350m		150 J	TO-236
-	BFT10	Interfet	40	10n	6.0m	20m		800p	4.0p				N/A
-	J201	See Index	40	200n	500u		1.5	100p	4.0p	310m	3.5m	150 J	TO-226AA
95	J202	See Index	40	900n	1.0m		4.0	100p	4.0p	310m	3.5m	150 J	TO-226AA
-	FN4117	Siliconix	40	90u	70u	210u	2	10p	3p	300m	2m	175 S	TO-72
-	MPP4117	Motorola	40	90u	70u	210u	1.8	10p	3.0p	300m	2.0m	125 J	TO-92