

Japanese Equivalent JFET Types

Silicon Junction Field-Effect Transistors

2SK113	2SK152	2SK363	2SJ44	Japanese	
IFN113	IFN152	IFN363	IFP44	InterFET	
NJ132	NJ132L	NJ450	PJ99	Process	
N Channel	N Channel	N Channel	P Channel	Unit Limit	Parameters
- 50	- 20	- 40	25	V Min	BV_{GSS}
1.0 (-20 V)	0.1 (-10 V)	1.0 (-30 V)	1.0 (10 V)	nA Max	I_{GSS}
- 0.3/-10 (20 V)	- 0.5/- 2.0 (-10 V)	- 0.3/- 1.2 (10 V)	- 0.2/-1.5 (-10 V)	V Min/Max	$V_{GS(off)}$
5.0/150 (20 V)	5.0/20 (10 V)	5.0/30 (10 V)	1.0/18 (-10 V)	mA Min/Max	I_{DSS}
20 (20 V)	30 (10 V)	60 (10 V)	9 (-10 V)	mS Typ	g_{fs}
10 (Ø) (20 V)	15 (Ø) (10 V)	75 (Ø) (10 V)	15 (Ø) (-10 V)	pF Typ	C_{iss}
3.0 (Ø) (15 V)	4.0 (Ø) (10 V)	15 (Ø) (10 V)	3 (Ø) (-10 V)	pF Typ	C_{rss}
TO-18	TO-18	TO-18	TO-18	Package Configuration	
SDG	SDG	DGS	DGS	Pin Configuration	

