

SPICE PARAMETER
2SK2094

by ROHM TR Div.

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* 2SK2094 NMOSFET model
* Date: 2006/10/16
* This model includes a diode between source and drain.
*****D G S
.SUBCKT 2SK2094 1 2 3
M1 1 2 3 3 MOS_N
D1 3 1 DREV
.MODEL MOS_N NMOS
+ LEVEL=3
+ L=2.0000E-6
+ W=1
+ KP=7.6883E-6
+ RS=10.000E-3
+ RD=.25754
+ VTO=1.9599
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=401.89E-12
+ CGDO=66.935E-12
+ CBD=378.46E-12
+ MJ=.5115
+ RG=39.104
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
.MODEL DREV D
+ IS=74.502E-15
+ N=.89886
+ RS=39.681E-3
+ IKF=95.384E-3
.ENDS 2SK2094
```