

SPICE PARAMETER
QS6K1

by ROHM TR Div.

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* QS6K1 NMOSFET model
* Date: 2006/09/05
* This model includes a diode between source and drain.
*****D G S
.SUBCKT QS6K1 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=10.330E-6
+ RS=30.000E-3
+ RD=80.011E-3
+ VTO=1.1827
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=163.11E-12
+ CGDO=59.453E-12
+ CBD=83.581E-12
+ MJ=1.2437
+ PB=.58803
+ RG=20.758
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
.MODEL DREV D
+ IS=25.498E-15
+ N=.95371
+ RS=31.566E-3
+ IKF=.10289
.ENDS QS6K1
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