

SPICE PARAMETER
RSQ030P03

by ROHM TR Div.

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* RSQ030P03 PMOSFET model
* Date: 2006/09/08
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSQ030P03 1 2 3
M1 1 2 3 3 MOS_P
D1 1 3 DREV
.MODEL MOS_P PMOS
+ LEVEL=3
+ L=2.0000E-6
+ W=1
+ KP=20.239E-6
+ RS=10.000E-3
+ RD=36.785E-3
+ VTO=-2.0709
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=403.00E-12
+ CGDO=132.19E-12
+ CBD=298.74E-12
+ MJ=1.3684
+ RG=10.000E-3
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=1.8270E-12
+ N=1.0640
+ RS=.11013
+ IKF=92.776E-3
.ENDS RSQ030P03
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