

SPICE PARAMETER
RSQ025P03

by ROHM TR Div.

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* RSQ025P03 PMOSFET model
* Date: 2006/09/11
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSQ025P03 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=13.037E-6
+ RS=10.000E-3
+ RD=49.063E-3
+ VTO=-1.8992
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=230.00E-12
+ CGDO=93.183E-12
+ CBD=232.24E-12
+ MJ=1.0257
+ RG=4
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=4.2146E-12
+ N=1.1339
+ RS=.11583
+ IKF=90.937E-3
.ENDS RSQ025P03
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