

SPICE PARAMETER
RSQ035P03

by ROHM TR Div.

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* RSQ035P03 PMOSFET model
* Date: 2006/09/11
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSQ035P03 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=28.327E-6
+ RS=10.000E-3
+ RD=23.101E-3
+ VTO=-2.0151
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=560.00E-12
+ CGDO=223.73E-12
+ CBD=426.16E-12
+ MJ=1.2279
+ RG=5
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=1.4287E-12
+ N=1.0368
+ RS=77.225E-3
+ IKF=.10253
.ENDS RSQ035P03
```