

SPICE PARAMETER  
RSL020P03

by ROHM TR Div.

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* RSL020P03 PMOSFET model
* Date: 2006/09/20
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSL020P03 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=12.814E-6
+ RS=10.000E-3
+ RD=50.911E-3
+ VTO=-1.9574
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=360.00E-12
+ CGDO=72.800E-12
+ CBD=179.66E-12
+ MJ=.87261
+ RG=13
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=943.58E-15
+ N=1.0650
+ RS=.1241
+ IKF=88.485E-3
.ENDS RSL020P03
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