

SPICE PARAMETER
RSR020P03

by ROHM TR Div.

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* RSR020P03 PMOSFET model
* Date: 2006/09/22
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSR020P03 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=11.973E-6
+ RS=10.000E-3
+ RD=53.973E-3
+ VTO=-1.9427
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=370.00E-12
+ CGDO=99.452E-12
+ CBD=67.811E-12
+ MJ=.39632
+ RG=7
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=358.93E-15
+ N=1.0303
+ RS=.11746
+ IKF=.14556
.ENDS RSR020P03
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