

SPICE PARAMETER
RSR015P03

by ROHM TR Div.

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* RSR015P03 PMOSFET model
* Date: 2006/09/22
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSR015P03 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=5.8365E-6
+ RS=10.000E-3
+ RD=.11732
+ VTO=-1.9859
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=255.00E-12
+ CGDO=47.024E-12
+ CBD=62.186E-12
+ MJ=.55818
+ RG=9
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=2.3068E-12
+ N=1.1457
+ RS=.19273
+ IKF=84.994E-3
.ENDS RSR015P03
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