

SPICE PARAMETER  
RSF010P03

by ROHM TR Div.

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* RSF010P03 PMOSFET model
* Date: 2006/09/20
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSF010P03 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=3.8455E-6
+ RS=10.000E-3
+ RD=.17607
+ VTO=-1.8706
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=190.00E-12
+ CGDO=26.882E-12
+ CBD=77.002E-12
+ MJ=1.2478
+ RG=42
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=80.097E-12
+ N=1.3836
+ RS=.19445
+ IKF=88.485E-3
.ENDS RSF010P03
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