

SPICE PARAMETER
RSM002P03

by ROHM TR Div.

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* RSM002P03 PMOSFET model
* Date: 2006/09/06
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSM002P03 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=1.2725E-6
+ RS=10.000E-3
+ RD=.65866
+ VTO=-1.9851
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=140.00E-12
+ CGDO=11.989E-12
+ CBD=7.8439E-12
+ MJ=1.2785
+ RG=300
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=212.00E-15
+ N=1.1212
+ RS=.77354
+ IKF=17.664
.ENDS RSM002P03
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