

SPICE PARAMETER
RSS040P03

by ROHM TR Div.

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* RSS040P03 PMOSFET model
* Date: 2006/10/04
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSS040P03 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=32.176E-6
+ RS=10.000E-3
+ RD=22.886E-3
+ VTO=-2.2055
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=600.00E-12
+ CGDO=197.44E-12
+ CBD=144.25E-12
+ MJ=.34077
+ RG=4
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=1.7450E-12
+ N=1.0662
+ RS=63.189E-3
+ IKF=23.452
.ENDS RSS040P03
```