

SPICE PARAMETER
RSS060P05

by ROHM TR Div.

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* RSS060P05 PMOSFET model
* Date: 2006/10/11
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSS060P05 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=76.379E-6
+ RS=10.000E-3
+ RD=12.834E-3
+ VTO=-2.1564
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=2.0230E-9
+ CGDO=315.71E-12
+ CBD=410.76E-12
+ MJ=.38632
+ RG=2
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=6.9276E-12
+ N=1.0722
+ RS=1.1756E-3
+ IKF=1.2002
.ENDS RSS060P05
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