

SPICE PARAMETER
RSS070P05

by ROHM TR Div.

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* RSS070P05 PMOSFET model
* Date: 2006/10/03
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RSS070P05 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=104.79E-6
+ RS=5.0000E-3
+ RD=11.430E-3
+ VTO=-2.1981
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=2.7500E-9
+ CGDO=472.76E-12
+ CBD=649.45E-12
+ MJ=.45281
+ RG=2.5000
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=3.4856E-12
+ N=1.0260
+ RS=3.2643E-3
+ IKF=1.9811
.ENDS RSS070P05
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