

SPICE PARAMETER
RDX060N60

by ROHM TR Div.

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* RDX060N60 NMOSFET model
* Date: 2007/08/09
*****D G S
.SUBCKT RDX060N60 1 2 3
M1 11 22 3 3 MOS_N
D1 3 1 DDS
R1 1 11 RTH .817
D2 11 21 DDG
D3 22 21 DDG
R2 2 22 10
.MODEL MOS_N NMOS
+ LEVEL=3
+ L=2.0000E-6
+ W=1
+ KP=4.3849E-6
+ RS=10.000E-3
+ RD=0
+ VTO=3.6005
+ RDS=24.000E9
+ TOX=2.0000E-6
+ CGSO=1.0196E-9
+ CGDO=18p
+ CBD=0
+ RG=0
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ ETA=100.00E-6
+ KAPPA=0
.MODEL DDS D
+ IS=110.09E-12
+ N=1.1938
+ RS=4.6192E-3
+ IKF=2.3986
+ CJO=580.07E-12
+ M=1.7917
+ VJ=11.568
+ BV=600
+ TT=1u
.MODEL DDG D
+ CJO=1.9127E-9
+ M=1.4280
+ VJ=2.5902
+ BV=600
.MODEL RTH RES
+ TC1=0.009
+ TC2=0.00003
.ENDS RDX060N60
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