

SPICE PARAMETER  
RTU002P02

by ROHM TR Div.

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* RTU002P02 PMOSFET model
* Date: 2006/09/06
* This model includes a diode between drain and source.
*****D G S
.SUBCKT RTU002P02 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=2.5001E-6
+ RS=.2
+ RD=.46743
+ VTO=-1.6009
+ RDS=1.0000E6
+ TOX=2.0000E-6
+ CGSO=158.00E-12
+ CGDO=11.790E-12
+ CBD=3.8598E-12
+ MJ=.88014
+ RG=420
+ N=2
+ RB=1.0000E-3
+ GAMMA=0
+ KAPPA=0
+ UO=300
.MODEL DREV D
+ IS=1.4083E-12
+ N=1.2060
+ RS=.76666
+ IKF=25.692
.ENDS RTU002P02
```