
HVR100 Spice parameter

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* Model generated on Sep 24, 96
* MODEL FORMAT: HITACHI SPICE
* HITACHI DIODE Model
. MODEL HVR100 ZDV D
+EG=1.1100E+00
+CJO=7.3253E-10
+TT=5.1390E-06
+CJO2=2.4446E-05
+COFF=1.4800E-11
+IS=4.1640E-14
+PB=7.3000E-01
+BV=1.5000E+01
+M2=6.1364E+00
+N=1.0162E+00
+M=5.3560E-01
+IBV=2.3924E-11
+VR1=1.4000E+00
+RS=3.2000E-01
+FC=5.0000E-01
+TEMP=2.5000E+01
+VR2=5.5000E+00
**** END of HVR100 (Variable capacitance diode)
*      EG: Activation energy, Unit:Ve
*      CJO: Junction capacitance, Unit:F
*      TT: Transit time, Unit: sec
*      CJO2: Junction capacitance, Unit:F
*      COFF:
*      IS: Saturation current, Unit:A
*      PB:
*      BV: Rev.breakdown voltage, Unit:V
*      M2: Geading coefficient
*      N: Emission coefficient
*      M: Geading coefficient
*      IBV: I at V-breakdown, Unit:A
*      VR1: Peak reverse voltage
*      RS: Ohmic resistance, Unit: Ohm
*      FC: Depretion cap. Coefficient
*      TEMP: Temperature
*      VR2: Peak reverse voltage
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