
HVC300A Spice parameter

```
* Model generated on Sep 24, 96
* MODEL FORMAT: HITACHI SPICE
* HITACHI DIODE Model
. MODEL HVC300A ZDV D
+EG=1.1100E+00
+CJO=1.0400E-10
+TT=5.1390E-06
+CJO2=2.5747E-09
+COFF=2.0000E-12
+IS=2.2276E-14
+PB=7.6000E-01
+BV=3.2000E+01
+M2=2.1947E+00
+N=1.0000E+00
+M=6.7600E-01
+IBV=2.7745E-11
+VR1=3.0000E+00
+RS=1.1000E+00
+FC=5.0000E-01
+TEMP=2.5000E+01
+VR2=8.0000E+00
**** END of HVC300A (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
```