
HSM2838C Spice parameter

```
* Model generated on Oct 2, 96
* MODEL FORMAT: SPICE3, PSpice apply.
* UCB DIODE Model
.MODEL HSM2838C D
+IS=1.015582E-8
+BV=80
+VJ=0.5568476
+KF=0
+XTI=3
+TT=50E-9
+RS=1.2092334
+IBV=1.515582E-8
+M=0.0216566
+AF=1
+EG=1.17
+N=2.0796412
+CJO=5.380318E-13
+FC=0.5
**** END of HSM2838C (Small signal diode)
*      IS: Saturation current, Unit:A
*      BV: Rev.breakdown voltage, Unit:V
*      VJ: Junction potential, Unit:V
*      KF: Flicker noise coefficient
*      XTI: Isat temperature exp.
*      TT: Transit time, Unit: sec
*      RS: Ohmic resistance, Unit: Ohm
*      IBV: I at V-breakdown, Unit:A
*      M: Geading coefficient
*      AF: Flicker noise exp.
*      EG: Activation energy, Unit:Ve
*      N: Emission coefficient
*      CJO: Junction capacitance, Unit:F
*      FC: Depretion cap. Coefficient
```