
HSC276 Spice parameter

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* Model generated on Oct 22, 96
* MODEL FORMAT: SPICE3, PSPICE apply.
* UCB DIODE Model
.MODEL HSC276 D
+IS=2.0189E-6
+BV=3
+VJ=0.3
+KF=0
+XTI=3
+TT=1.0E-9
+RS=3.23
+IBV=3.146511E-5
+M=0.19
+AF=1
+EG=1.17
+N=1.08
+CJO=7.8E-13
+FC=0.5
**** END of HSC276 (Schottky barrier diodes for detectors & mixers)
*      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
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