
HZ15CP Spice parameter

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* Model generated on Sep 24, 97
* MODEL FORMAT: SPICE3, PSPICE apply.
* UCB DIODE Model
.MODEL HZ15CP D
+IS=1.2E-16
+CJO=211E-12
+TT=1.0E-9
+BV=14.7
+XTI=3
+RS=4.5
+M=0.338
+EG=1.11
+IBV=1.0E-10
+KF=0
+N=1
+VJ=0.7
+FC=0.5
+AF=1
**** END of HZ15CP (Voltage compensation zener diode)
*      IS: Saturation current, Unit:A
*      CJO: Junction capacitance, Unit:F
*      TT: Transit time, Unit: sec
*      BV: Rev.breakdown voltage, Unit:V
*      XTI: Isat temperature exp.
*      RS: Ohmic resistance, Unit: Ohm
*      M: Geading coefficient
*      EG: Activation energy, Unit:Ve
*      IBV: I at V-breakdown, Unit:A
*      KF: Flicker noise coefficient
*      N: Emission coefficient
*      VJ: Junction potential, Unit:V
*      FC: Depretion cap. Coefficient
*      AF: Flicker noise exp.
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