

REFERENCE

1-Nov-07
ROHM CO.,LTD
Di.Manufacturing Div.

SPICE PARAMETER
EDZ33B

Characteristic of inner diode

| No. | NAME | PARAMETER | UNIT | DATA | |
|-----|------|-----------------------------------|------|-----------|---------|
| 1 | IS | Saturation Current | A | 6.766E-16 | |
| 2 | N | Emission Coefficient | - | 1.046 | |
| 3 | RS | Series Resistance | | 0.447 | |
| 4 | IKF | High-injection Knee Current | A | 9.882 | |
| 5 | XTI | Temperature Exponent at IS | - | 3 | |
| 6 | EG | Autivation Energy | eV | 1.11 | default |
| 7 | CJO | Junction Capacitance | F | 8.913E-12 | |
| 8 | M | Granding Coefficient | - | 0.345 | |
| 9 | VJ | Junction Potential | V | 0.631 | |
| 10 | FC | Depletion Capacitance Coefficient | - | 0.5 | default |
| 11 | BV | Breakdown Voltage | V | 32.97 | |
| 12 | IBV | Breakdown Current | A | 1.00E-06 | |
| 13 | TT | Transit Time | SEC | 4.141E-07 | |