

**REFERENCE**

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

**SPICE PARAMETER**  
**EDZ18B**

Characteristic of inner diode

No.	NAME	PARAMETER	UNIT	DATA	
1	IS	Saturation Current	A	3.157E-16	
2	N	Emission Coefficient	-	1.034	
3	RS	Series Resistance		0.173	
4	IKF	High-injection Knee Current	A	10.981	
5	XTI	Temperature Exponent at IS	-	3	
6	EG	Autivation Energy	eV	1.11	default
7	CJO	Junction Capacitance	F	1.437E-11	
8	M	Granding Coefficient	-	0.294	
9	VJ	Junction Potential	V	0.519	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	17.955	
12	IBV	Breakdown Current	A	1.00E-06	
13	TT	Transit Time	SEC	2.943E-07	