

**REFERENCE**

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

**SPICE PARAMETER**  
**EDZ30B**

Characteristic of inner diode

No.	NAME	PARAMETER	UNIT	DATA	
1	IS	Saturation Current	A	5.002E-16	
2	N	Emission Coefficient	-	1.041	
3	RS	Series Resistance		0.330	
4	IKF	High-injection Knee Current	A	10.404	
5	XTI	Temperature Exponent at IS	-	3	
6	EG	Autivation Energy	eV	1.11	default
7	CJO	Junction Capacitance	F	8.954E-12	
8	M	Granding Coefficient	-	0.304	
9	VJ	Junction Potential	V	0.486	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	29.94	
12	IBV	Breakdown Current	A	1.00E-06	
13	TT	Transit Time	SEC	4.299E-07	