

REFERENCE

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

SPICE PARAMETER
EDZ27B

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	10.339	
5	XTI	Temperature Exponent at IS	-	3	
6	EG	Autivation Energy	eV	1.11	default
7	CJO	Junction Capacitance	F	9.888E-12	
8	M	Granding Coefficient	-	0.311	
9	VJ	Junction Potential	V	0.569	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	26.86	
12	IBV	Breakdown Current	A	1.00E-06	
13	TT	Transit Time	SEC	3.549E-07	