

REFERENCE

13-Oct-06
ROHM CO.,LTD
Di.Manufacturing Div.

SPICE PARAMETER
UDZS5.1B

Characteristic of inner diode

No.	NAME	PARAMETER	UNIT	DATA	
1	IS	Saturation Current	A	2.224E-15	
2	N	Emission Coefficient	-	1.109	
3	RS	Series Resistance	Ω	0.133	
4	IKF	High-injection Knee Current	A	2.615	
5	XTI	Temperature Exponent at IS	-	3	
6	EG	Autivation Energy	eV	1.11	default
7	CJO	Junction Capacitance	F	3.448E-11	
8	M	Granding Coefficient	-	0.305	
9	VJ	Junction Potential	V	0.426	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	5.09	
12	IBV	Breakdown Current	A	5.000E-05	
13	TT	Transit Time	SEC	5.482E-08	