

REFERENCE

7-Sep-06
ROHM CO.,LTD
Di.Manufacturing Div.

SPICE PARAMETER
RB751S-40

Characteristic of inner diode

No.	NAME	PARAMETER	UNIT	DATA	
1	IS	Saturation Current	A	4.102E-08	
2	N	Emission Coefficient	-	1.075	
3	RS	Series Resistance	Ω	10.918	
4	IKF	High-injection Knee Current	A	7.848	
5	XTI	Temperature Exponent at IS	-	2	
6	EG	Autivation Energy	eV	0.69	default
7	CJO	Junction Capacitance	F	2.103E-12	
8	M	Granding Coefficient	-	0.275	
9	VJ	Junction Potential	V	0.213	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	40	
12	IBV	Breakdown Current	A	5.000E-07	
13	TT	Transit Time	SEC	7.214E-09	