

REFERENCE

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

SPICE PARAMETER
RB851Y

Characteristic of inner diode

No.	NAME	PARAMETER	UNIT	DATA	
1	IS	Saturation Current	A	1.872E-09	
2	N	Emission Coefficient	-	1.065	
3	RS	Series Resistance	Ω	26.231	
4	IKF	High-injection Knee Current	A	9.264	
5	XTI	Temperature Exponent at IS	-	2	
6	EG	Autivation Energy	eV	0.69	default
7	CJO	Junction Capacitance	F	7.841E-13	
8	M	Granding Coefficient	-	0.168	
9	VJ	Junction Potential	V	0.148	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	3	
12	IBV	Breakdown Current	A	5.000E-05	
13	TT	Transit Time	SEC	1.010E-08	