

**REFERENCE**

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

**SPICE PARAMETER**  
**RB861Y**

Characteristic of inner diode

No.	NAME	PARAMETER	UNIT	DATA	
1	IS	Saturation Current	A	4.411E-06	
2	N	Emission Coefficient	-	1.259	
3	RS	Series Resistance	Ω	9.240	
4	IKF	High-injection Knee Current	A	7.095	
5	XTI	Temperature Exponent at IS	-	2	
6	EG	Autivation Energy	eV	0.69	default
7	CJO	Junction Capacitance	F	1.810E-12	
8	M	Granding Coefficient	-	0.189	
9	VJ	Junction Potential	V	0.004	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	5	
12	IBV	Breakdown Current	A	3.000E-05	
13	TT	Transit Time	SEC	1.010E-08	