

**REFERENCE**

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

**SPICE PARAMETER**  
**RN741V**

Characteristic of inner diode

No.	NAME	PARAMETER	UNIT	DATA	
1	IS	Saturation Current	A	9.499E-18	
2	N	Emission Coefficient	-	0.855	
3	RS	Series Resistance	Ω	1.405	
4	IKF	High-injection Knee Current	A	0.001	
5	XTI	Temperature Exponent at IS	-	3	
6	EG	Autivation Energy	eV	1.11	default
7	CJO	Junction Capacitance	F	5.609E-13	
8	M	Granding Coefficient	-	0.192	
9	VJ	Junction Potential	V	0.252	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	50	
12	IBV	Breakdown Current	A	1.000E-08	
13	TT	Transit Time	SEC	1.167E-06	