

REFERENCE

23-Aug-06
ROHM CO.,LTD
Di.Manufacturing Div.

SPICE PARAMETER
RB520G-30

Characteristic of inner diode

No.	NAME	PARAMETER	UNIT	DATA	
1	IS	Saturation Current	A	4.817E-08	
2	N	Emission Coefficient	-	1.059	
3	RS	Series Resistance	Ω	0.771	
4	IKF	High-injection Knee Current	A	23.097	
5	XTI	Temperature Exponent at IS	-	2	
6	EG	Autivation Energy	eV	0.69	default
7	CJO	Junction Capacitance	F	1.53E-11	
8	M	Granding Coefficient	-	0.460	
9	VJ	Junction Potential	V	0.418	
10	FC	Depletion Capacitance Coefficient	-	0.5	default
11	BV	Breakdown Voltage	V	30	
12	IBV	Breakdown Current	A	1.000E-06	
13	TT	Transit Time	SEC	9.378E-09	