# ne<mark>x</mark>peria

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If you have any questions related to the data sheet, please contact our nearest sales office via e-mail or telephone (details via **salesaddresses@nexperia.com**). Thank you for your cooperation and understanding,

Kind regards,

Team Nexperia



# Thermal RC network (Foster)

## SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Мах	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	3.96	K/W
	Cth <sub>1</sub>	1.632E-05 F		Д		
	Cth <sub>2</sub>	9.043E-05 F		<b>_</b>	tj	
	Cth <sub>3</sub>	1.237E-04 F				
	Cth <sub>4</sub>	5.440E-04 F				
	Cth <sub>5</sub>	2.462E-03 F				
	Cth <sub>6</sub>	2.636E-03 F				
	Cth <sub>7</sub>	1.699E-01 F		-   r	<b>۲</b> • − 1	
	Cth <sub>8</sub>	2.276E+02 F			$\operatorname{Rth}_2 = \operatorname{Cth}_2$	2
	Rth₁	5.513E-03 Ω				
	Rth <sub>2</sub>	1.304E-02 Ω		l r	<b>h i</b>	
	Rth <sub>3</sub>	7.719Ε-02 Ω			Rth3 = Cth	3
	Rth <sub>4</sub>	1.770E-01 Ω			┎╧╺╋╾╌┤	
	Rth <sub>5</sub>	5.109E-01 Ω			<u></u>	
	Rth <sub>6</sub>	2.852E+00 Ω				
	Rth <sub>7</sub>	3.205E-01 Ω				ł
	Rth <sub>8</sub>	7.015Ε-04 Ω	(	(P)		
				T [		5
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						7
Part:	BUK9K89-100E					3
ate:	20/3/2013				╧╺╧	
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