# 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	Max	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	0.77	K/W
	Cth₁	6.162E-05 F		Ύt		
	Cth <sub>2</sub>	4.070E-04 F	Г	1	7	
	Cth <sub>3</sub>	4.396E-04 F		ب ح	- <b>4</b>	
	Cth <sub>4</sub>	3.634E-03 F		F	tth1 = Cth1	
	Cth <sub>5</sub>	6.243E-03 F		닏	_ <b>_</b>	
	Cth <sub>6</sub>	1.557E-02 F		_		
	Cth <sub>7</sub>	1.939E-01 F		∏г		
	Rth <sub>1</sub>	1.359E-03 Ω		۲ <u>ــــــــــــــــــــــــــــــــــــ</u>		
	Rth <sub>2</sub>	2.443E-03 Ω		Б	-	
	Rth <sub>3</sub>	1.954Ε-02 Ω		F	ths 📫 Cths	
	Rth <sub>4</sub>	2.996Ε-02 Ω		닌	_ <b>_</b>	
	Rth₅	1.383E-01 Ω		Ē	<b></b>	
	Rth <sub>6</sub>	5.185E-01 Ω				
	Rth <sub>7</sub>	6.149E-02 Ω	لر	Į.		
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Part:	BUK7Y6R0-60E					
ai l.	BUNTIONU-OUE					
Date:	25/1/2013					
Rth	0.77 K/W	,	L	• •		
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