# 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
₹ <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	3.33	K/W
	Cth <sub>1</sub>	1.391E-05 F		<u>ት</u> ቁ		
	Cth <sub>2</sub>	8.369E-05 F	Г	I		
	Cth <sub>3</sub>	1.007E-04 F		_م	- <b>4</b>	
	Cth <sub>4</sub>	7.010E-04 F		F	tth1 🛨 Cth1	
	Cth <sub>5</sub>	9.370E-04 F		닌		
	Cth <sub>6</sub>	4.967E-03 F		_	_ <b>_</b>	
	Cth <sub>7</sub>	7.711E-02 F		Π.		
					th2 + Cth2	
					- <b></b> '	
	Rth₁	6.625E-03 Ω		ь. Г	•	
	Rth <sub>2</sub>	1.505E-02 Ω		F	ths 🚔 Ctha	
	Rth <sub>3</sub>	8.856E-02 Ω		닌		
	Rth <sub>4</sub>	1.705E-01 Ω		_	_ <b>_</b>	
	Rth₅	8.947E-01 Ω		́П,		
	Rth <sub>6</sub>	1.999E+00 Ω				
	Rth <sub>7</sub>	1.566Ε-01 Ω	( Р	n L	- <b>†</b> '	
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Part:	BUK9Y43-60E					
Date:	25/1/2013					
Rth	3.33 K/W	1	L			
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#### www.nxp.com

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