# 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 R <sub>th(j-mb)</sub>		Conditions	Min	Тур	Max	Unit
ul( 110)	thermal resistance from junction to mounting base		-	-	2.33	K/W
	Cth <sub>1</sub>	1.993E-05 F		<u> </u>		
	Cth <sub>2</sub>	1.264E-04 F	]	• •	7	
	Cth <sub>3</sub>	1.426E-04 F		L. L	- <b>•</b>	
	Cth <sub>4</sub>	1.161E-03 F		F	tth1 🚔 Cth1	
	Cth <sub>5</sub>	1.319E-03 F		닌	_ <b>_</b>	
	Cth <sub>6</sub>	6.312E-03 F		_	_ <b>_</b>	
	Cth <sub>7</sub>	5.338E-02 F		Ĺ F		
	Rth <sub>1</sub>	4.496Ε-03 Ω		بر ح		
	Rth <sub>2</sub>	9.682E-03 Ω		́ П.		
	Rth <sub>3</sub>	6.029E-02 Ω			ths 📫 Ctha	
	Rth <sub>4</sub>	9.643E-02 Ω		T_	- <b></b>	
	Rth₅	5.255E-01 Ω		<u>ب</u>	- <b>*</b>	
	Rth <sub>6</sub>	1.425E+00 Ω		F	8th4 = Cth4	
	Rth <sub>7</sub>	2.066E-01 Ω	لے	~ 닌	_ <b>_</b>	
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					th7 = Cth7	
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Part:	BUK9Y41-80E					
Date:	25/1/2013					
Rth	2.33 K/W	1	l	• •	 _ •	
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#### www.nxp.com

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