# 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
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.43	K/W
	Cth <sub>1</sub>	2.727E-04 F		Ŷ	tj	
	Cth <sub>2</sub>	1.961E-03 F		<b>\</b>	<u>, 1</u>	
	Cth <sub>3</sub>	1.472E-03 F			<u></u>	
	Cth <sub>4</sub>	5.515E-03 F				1
	Cth <sub>5</sub>	1.889E-02 F		L		
	Cth <sub>6</sub>	3.370E-02 F				
	Cth <sub>7</sub>	7.373E-01 F		Г	<b>-</b>	
	Cth <sub>8</sub>	2.812E+02 F			$\int Rth_2 + Cth_2$	2
	Rth₁	3.269E-04 Ω				
	Rth <sub>2</sub>	6.428E-04 Ω		Г	$\neg$	
	Rth <sub>3</sub>	7.505E-03 Ω			Rth3 🕇 Cth;	3
	Rth₄	1.817E-02 Ω		L	╧╺	
	Rth₅	6.176E-02 Ω			<b>_</b>	
	Rth <sub>6</sub>	2.678E-01 Ω			Rth4 + Cth	
	Rth <sub>7</sub>	7.287E-02 Ω				+
	Rth <sub>8</sub>	6.467E-04 Ω	(	(P)		
				$\checkmark$	$\neg \neg \neg \neg$	
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Part:	BUK752R7-60E				<u></u>	
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Date:	17/4/2013			L		
Nodel Rth	0.43 K/W					
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#### www.nxp.com

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