# 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
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.64	K/W
	Cth <sub>1</sub>	1.572E-04 F		Ą	t:	
	Cth <sub>2</sub>	1.124E-03 F		_ <b> </b>	tj	
	Cth <sub>3</sub>	8.462E-04 F			<u></u>	
	Cth <sub>4</sub>	3.272E-03 F				1
	Cth <sub>5</sub>	1.019E-02 F		L	, <b> _</b>	
	Cth <sub>6</sub>	2.118E-02 F				
	Cth <sub>7</sub>	5.698E-01 F		Г	$\begin{bmatrix} \bullet & \bullet \\ \bullet & \bullet \end{bmatrix}$	
	Cth <sub>8</sub>	1.813E+02 F			$\operatorname{Rth}_2 = \operatorname{Cth}_2$	2
	Rth₁	5.654E-04 Ω				
	Rth <sub>2</sub>	1.114E-03 Ω		ſ	$\neg$	
	Rth <sub>3</sub>	1.315E-02 Ω			Rth3 = Cth;	3
	Rth <sub>4</sub>	3.159E-02 Ω		L	╧╺	
	Rth₅	1.138E-01 Ω			<b>\</b>	
	Rth <sub>6</sub>	3.999E-01 Ω				
	Rth <sub>7</sub>	9.381E-02 Ω		L l		ł
	Rth <sub>8</sub>	1.005E-03 Ω	(	(Р)		
				$\int$	Rth5 Cthe	
				L		,
						3
				L		
				[		7
				l l		
Port	BUK764R4-60E			_	<u></u>	
art:	DUN/04K4-0UE				Rth8 + Cth	3
ate:	11/4/2013				╧╺╾┙	
Nodel Rth	0.65 K/W			└ <del> </del>	] ·	
				$\downarrow$	t <sub>amb</sub>	
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#### www.nxp.com

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