# 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		-	-	4.80	K/W
	Cth <sub>1</sub>	6.427E-06 F		Ŷ	tj	
	Cth <sub>2</sub>	7.431E-05 F		<b>\</b>	<u> </u>	
	Cth <sub>3</sub>	4.432E-05 F			<u> </u>	
	Cth <sub>4</sub>	1.193E-03 F				1
	Cth <sub>5</sub>	3.891E-04 F		L L		
	Cth <sub>6</sub>	4.302E-03 F				
	Cth <sub>7</sub>	2.916E-03 F		r		
	Cth <sub>8</sub>	1.758E+01 F			$\operatorname{Rth}_2 = \operatorname{Cth}_2$	2
	Rth₁	6.908E-03 Ω				
	Rth <sub>2</sub>	1.926E-02 Ω		Г	<b>4 1</b>	
	Rth <sub>3</sub>	1.262E-01 Ω			Rth3 Cth	3
	Rth <sub>4</sub>	9.094E-02 Ω			┎╧╺╋╼╼╴┤	
	Rth₅	1.997E+00 Ω			<u></u>	
	Rth <sub>6</sub>	2.197E+00 Ω			Rth4 Cth	A
	Rth <sub>7</sub>	3.449E-01 Ω		L I		+
	Rth <sub>8</sub>	1.685E-02 Ω	(	Р		
						5
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Part:	BUK9M85-60E					3
ate:	3/3/2016				╧╺	
Iodel Rth	4.80 K/W					
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