# 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		-	-	0.46	K/W
	Cth <sub>1</sub>	2.404E-04 F		Ą		
	Cth <sub>2</sub>	1.735E-03 F		<b>_</b>	tj	
	Cth <sub>3</sub>	1.299E-03 F				
	$Cth_4$	4.873E-03 F				
	Cth <sub>5</sub>	1.648E-02 F				
	Cth <sub>6</sub>	2.996E-02 F			└ <b>──†</b> ──┘	
	Cth <sub>7</sub>	6.007E-01 F		-   r	<b>۲</b> • − 1	
	Cth <sub>8</sub>	1.529E+02 F			$\int Rth_2 + Cth_2$	2
	Rth₁	3.714E-04 Ω				
	Rth <sub>2</sub>	7.331E-04 Ω		r		
	Rth <sub>3</sub>	8.493E-03 Ω			Rth3 Cth	3
	Rth <sub>4</sub>	2.053E-02 Ω			┎	
	Rth <sub>5</sub>	6.988E-02 Ω			<b>_</b>	
	Rth <sub>6</sub>	2.879E-01 Ω				•
	Rth <sub>7</sub>	8.385E-02 Ω			<b></b>	•
	Rth <sub>8</sub>	1.433E-03 Ω		(P)		
					$\int Rth_5 \overset{\bullet}{=} Cth_5$	5
						3
					Rth7 $=$ Cth;	7
Part:	BUK962R8-60E					3
ate:	11/4/2013				┎	
Nodel Rth	0.47 K/W			<b>∳</b>	] •	
				$\checkmark$	t <sub>amb</sub> 001aal768	_

#### www.nxp.com

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