# 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		-	-	2.36	K/W
	Cth <sub>1</sub>	3.575E-05 F		Ą	tj	
	Cth <sub>2</sub>	1.981E-04 F		<b>↓</b>	<u>۲</u>	
	Cth <sub>3</sub>	2.706E-04 F			<u> </u>	
	Cth <sub>4</sub>	1.210E-03 F				1
	Cth <sub>5</sub>	4.930E-03 F		L	$\downarrow$ $\top$ $\top$	•
	Cth <sub>6</sub>	5.951E-03 F				
	Cth <sub>7</sub>	1.357E-01 F		ſ	5 7	
	Cth <sub>8</sub>	6.011E+01 F			$\int Rth_2 + Cth_2$	2
	Rth₁	2.533E-03 Ω				
	Rth <sub>2</sub>	5.928E-03 Ω		г	<b>-</b>	
	Rth <sub>3</sub>	3.577E-02 Ω			Rth3 Cth	3
	Rth <sub>4</sub>	7.656E-02 Ω		L	᠊ᢩ᠘	
	Rth₅	2.422E-01 Ω				
	Rth <sub>6</sub>	1.553E+00 Ω				
	Rth <sub>7</sub>	4.394E-01 Ω				4
	Rth <sub>8</sub>	3.829E-03 Ω	(	(P)		
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Part:	BUK7K5R6-30E			.	<u> </u>	
art.	DUNINGRO-SUE				Rth8 📥 Cth	2
Date:	20/3/2013					D
Rth	2.36 K/M	1			· • • · · · · · · · · · · · · · · · · ·	
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