ne<mark>x</mark>peria

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In data sheets and application notes which still contain NXP or Philips Semiconductors references, use the references to Nexperia, as shown below.

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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
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	1.58	K/W
	Cth ₁	2.916E-05 F		<u>ት</u> ዓ		
	Cth ₂	1.726E-04 F	Г	I		
	Cth ₃	2.092E-04 F		<u>ب</u>	- 4	
	Cth ₄	1.786E-03 F		F	tth1 = Cth1	
	Cth ₅	2.130E-03 F		닌		
	Cth ₆	8.451E-03 F		_		
	Cth ₇	8.634E-02 F				
					th2 = Cth2	
				τ_	- 	
	Rth₁	2.749Ε-03 Ω		<u>ب</u>	- •	
	Rth ₂	5.716E-03 Ω		F	tha 🚔 Ctha	
	Rth ₃	4.154E-02 Ω		닌		
	Rth ₄	5.616E-02 Ω		_	_ _	
	Rth₅	3.287E-01 Ω		́П,		
	Rth ₆	1.016E+00 Ω		「		
	Rth ₇	1.301E-01 Ω	(P		_ _	
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Part:	BUK7Y7R6-40E					
Date:	25/1/2013					
Rth	1.58 K/W	,				
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