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
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.43	K/W
	Cth ₁	2.727E-04 F		Ŷ	tj	
	Cth ₂	1.961E-03 F		_	<u> </u>	
	Cth ₃	1.472E-03 F			<u> </u>	
	Cth₄	5.515E-03 F			Rth1 + Cth	1
	Cth ₅	1.889E-02 F		L		•
	Cth ₆	3.370E-02 F				
	Cth ₇	7.373E-01 F		Г	┑_゛⊥	
	Cth ₈	2.812E+02 F		l	$\int_{-}^{-} Rth_2 + Cth_2$	2
	Rth₁	3.269Ε-04 Ω				
	Rth ₂	6.428E-04 Ω		Г	5	
	Rth ₃	7.505Ε-03 Ω			Rth3 Cth	3
	Rth ₄	1.817E-02 Ω		L .	┎╧╺╋╼╌┨	
	Rth ₅	6.176E-02 Ω			<u></u>	
	Rth ₆	2.678E-01 Ω			Rth4 📥 Cth	A
	Rth ₇	7.287Ε-02 Ω		L I		+
	Rth ₈	6.467Ε-04 Ω	(Р		
				Ţ		5
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					╶╴╸╴╴┈	0
				r		
						7
Part:	BUK9E1R8-40E			- - r		
					$\int Rth_8 \stackrel{\bullet}{=} Cth_8$	В
ate:	11/4/2013				└ ─ ╋──┘	
Rth	0.43 K/W			↓ • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •	tamb	
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