ne<mark>x</mark>peria

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On 7 February 2017 the former NXP Standard Product business became a new company with the tradename **Nexperia**. Nexperia is an industry leading supplier of Discrete, Logic and PowerMOS semiconductors with its focus on the automotive, industrial, computing, consumer and wearable application markets

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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		-	-	1.60	K/W
	Cth ₁	4.740E-05 F		А.	6 .	
	Cth ₂	3.573E-04 F		_	t <u>j</u>	
	Cth ₃	2.573E-04 F				
	Cth ₄	9.872E-04 F		ſ	$\begin{bmatrix} \\ Rth_1 \\ + \\ Cth_1 \end{bmatrix}$	
	Cth ₅	2.798E-03 F				
	Cth ₆	7.463E-03 F				
	Cth ₇	2.715E-01 F		- Г	5	
	Cth ₈	3.781E+01 F			$\int Rth_2 \rightleftharpoons Cth_2$	2
	Rth₁	1.715E-03 Ω				
	Rth ₂	3.454Ε-03 Ω		l r	5	
	Rth ₃	3.886E-02 Ω			Rth3 🛨 Cth3	5
	Rth ₄	1.014E-01 Ω		L L	╧╺╾┘	
	Rth₅	3.814E-01 Ω		_	_	
	Rth ₆	8.981E-01 Ω				
	Rth ₇	1.681E-01 Ω				ŀ
	Rth ₈	5.350E-03 Ω		(P)		
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Part:	BUK9E15-60E					5
ate:	11/4/2013				╧╺┯─┘	
Rth	1.60 K/W	,		└] •	
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