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		-	-	0.57	K/W
	Cth ₁	1.835E-04 F		Д		
	Cth ₂	1.308E-03 F		_	tj	
	Cth ₃	9.881E-04 F				
	Cth ₄	3.804E-03 F			$Rth_1 = Cth_1$	
	Cth ₅	1.211E-02 F				
	Cth ₆	2.411E-02 F				
	Cth ₇	5.977E-01 F		- Г	└ • _]	
	Cth ₈	1.623E+02 F			$\int Rth_2 \stackrel{\bullet}{=} Cth_2$	
	Rth ₁	4.855Ε-04 Ω				
	Rth ₂	9.542E-04 Ω		г	-	
	Rth ₃	1.131E-02 Ω			Rth3 🛨 Cth3	
	Rth ₄	2.702E-02 Ω			ᡗ᠊᠊ᡨ᠁	
	Rth₅	9.606E-02 Ω			\	
	Rth ₆	3.569E-01 Ω			Rth4 Cth4	
	Rth ₇	8.813E-02 Ω				
	Rth ₈	1.348Ε-03 Ω	((P)		
						i
					Rth6 $=$ Cth6	i
Dente						
Part:	BUK768R1-100E					1
Date: Nodel Rth	11/4/2013 0.58 K/W					
	0.36 NW			↓ ↓	t _{amb} 001aal768	•

www.nxp.com

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