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



SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.49	K/W
	Cth ₁	9.100E-02 F		\bigtriangleup		
	Cth ₂	1.600E-02 F			<u>tj</u>	
	Cth ₃	4.002E-03 F				
	Cth ₄	1.023E-03 F				
	Cth ₅	2.617E-04 F			$Rth_1 = Cth_1$	l
	Cth ₆	6.690E-05 F				
	Cth ₇	1.711E-05 F			<u></u>	
	Cth ₈	4.374E-06 F				,
				l		-
	Rth ₁	3.290E-01 Ω				
	Rth ₂	1.210E-01 Ω		1		
	Rth ₃	3.000E-02 Ω			Rth3 Cth	3
	Rth ₄	7.379Ε-03 Ω		'	᠊ᡗ᠋	
	Rth₅	1.822Ε-03 Ω				
	Rth ₆	4.499Ε-04 Ω				
	Rth ₇	1.111Ε-04 Ω				ł
	Rth ₈	2.744Ε-05 Ω	((P)		
	0			\smile ,	$\neg \neg \neg \neg$	
					Rth5 🚔 Cthe	5
					┙╧╺┻┙	
					$Rth_6 = Cth_6$	6
					┖᠊᠊᠊╋──┘	
					┎─┿──┐	
						7
				I	, ⊥ , ⊥ , , , , , , , , , , , , , , , ,	
De etc						
Part:	BUK761R8-30C					3
/ersion:	1				ᠮᢩ᠊᠊ᠲ	
Date:	17-9-2010			_ L]	
Rth	0.49			\downarrow	t _{amb}	
					001aal768	3

www.nxp.com

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