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
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.36	K/W
	Cth ₁	3.575E-05 F		Ą	t .	
	Cth ₂	1.981E-04 F		\	tj	
	Cth ₃	2.706E-04 F			<u></u>	
	Cth ₄	1.210E-03 F				1
	Cth ₅	4.930E-03 F		L L		I
	Cth ₆	5.951E-03 F				
	Cth ₇	1.357E-01 F		Г	$\neg \neg \neg$	
	Cth ₈	6.011E+01 F			$\int Rth_2 + Cth_2$	2
	Rth₁	2.533E-03 Ω				
	Rth ₂	5.928E-03 Ω		Г	Ŋ ╹	
	Rth ₃	3.577E-02 Ω			Rth3 Cth	3
	Rth ₄	7.656Ε-02 Ω		L L	┎╧╺╋╼╌╴┥	
	Rth₅	2.422Ε-01 Ω			\	
	Rth ₆	1.553E+00 Ω				A
	Rth ₇	4.394E-01 Ω		L l		+
	Rth ₈	3.829E-03 Ω	((Р)		
				ΎΓ[5
					_	
						3
					╧╺╾┙	
				r		
					$\operatorname{Rth}_7 = \operatorname{Cth}_7$	7
Part:	BUK7K32-100E					8
ate:	20/3/2013				╧╺╧	
Rth	2.36 K/W			└ q		
				\downarrow	t _{amb}	
				•	001aal76	8

www.nxp.com

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