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



SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.95	K/W
	Cth ₁	4.700E-02 F		\bigtriangleup		
	Cth ₂	7.316E-03 F			<u>tj</u>	
	Cth ₃	1.695E-03 F				
	Cth ₄	3.926E-04 F				
	Cth ₅	9.096E-05 F			$\int_{Rth_1} \overset{Rth_1}{=} Cth_1$	
	Cth ₆	2.107E-05 F				
	Cth ₇	4.881E-06 F			۲ ♦ 1	
	Cth ₈	1.131E-06 F			$ Rth_2 = Cth_2$	2
	Rth ₁	6.330E-01 Ω				
	Rth ₂	2.380E-01 Ω				
	Rth ₃	5.900E-02 Ω			$Rth_3 = Cth_3$	3
	Rth ₄	1.500E-02 Ω			┖᠊᠊᠊ᡨ᠆᠊┘	
	Rth ₅	3.725E-03 Ω			<u></u>	
	Rth ₆	9.321E-04 Ω				L
	Rth ₇	2.332E-04 Ω				
	Rth ₈	5.836E-05 Ω		(Р)		
				\checkmark I	┪ ⊥	
					$\int_{-}^{-} Rth_5 = Cth_{\xi}$	5
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Part:	BUK663R5-30C					3
/ersion:	1				᠊ᡗ᠋	
Date:	7-7-2010			م _]	
Rth	0.952062434			\downarrow	t _{amb}	_
					001aal768	3

www.nxp.com

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