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



Thermal RC network (Foster)

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	1.42	K/W
	Cth ₁	4.181E-02 F		今	F .	
	Cth ₂	6.609E-03 F		_	<u>rj</u>	
	Cth ₃	1.555E-03 F			∳	
	Cth ₄	3.660E-04 F			Rth1 Cth1	
	Cth ₅	8.612E-05 F		l l		
	Cth ₆	2.026E-05 F				
	Cth ₇	4.768E-06 F		г	$\begin{bmatrix} \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{bmatrix}$	
	Cth ₈	1.122E-06 F			$\int Rth_2 \stackrel{\bullet}{=} Cth_2$	2
	Rth₁	9.566E-01 Ω				
	Rth ₂	3.520E-01 Ω		r	┓	
	Rth ₃	8.699E-02 Ω			Rth3 + Cth3	6
	Rth ₄	2.150E-02 Ω			┎┷╋┷┯┓	
	Rth₅	5.313E-03 Ω			_	
	Rth ₆	1.313E-03 Ω				1
	Rth ₇	3.245Ε-04 Ω		L I		•
	Rth ₈	8.021E-05 Ω	((P)		
				\checkmark r	5	
					Rth5 + Cth5	;
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				L)
				ſ	$\neg \bullet \neg \uparrow$	
					Rth7 📥 Cth7	,
				L	╧╺	
De etc					_	
Part:	BUK9Y12-55B			[
/ersion:	1 23-3-2010				$Rth_8 = Cth_8$	5
Date: Rth	1.42					
NUT	1.72				tomb	
				\diamond	t _{amb} 001aal768	2
					00100100	•

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