

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		-		2.84	K/W
	Cth ₁	2.695E-05 F		∱ ┪		
	Cth ₂	1.471E-04 F	[- • •		
	Cth ₃	2.047E-04 F		rt.	•	
	Cth ₄	9.149E-04 F			tth1 = Cth1	
	Cth ₅	3.724E-03 F		닌		
	Cth ₆	4.432E-03 F		_	-	
	Cth ₇	1.513E-01 F		□□□	# A	
				U"	the = Cthe	
				_	┩	
	Rth₁	3.337Ε-03 Ω		4	•	
	Rth ₂	7.854Ε-03 Ω			ths 🗯 Ctha	
	Rth ₃	4.778Ε-02 Ω		닌		
	Rth₄	1.011Ε-01 Ω		_		
	Rth ₅	3.141Ε-01 Ω		\cap	<u> </u>	
	Rth ₆	1.966Ε+00 Ω		_ U'	th4 = Cth4	
	Rth ₇	4.039E-01 Ω	(P	·) _		
			<u>,</u>	/ 伝	-	
					ths #Cth5	
				닌		
				_	<u></u>	
				ή_	<u></u>	
					the #Cth6	
				工	┩	
						
					th7 📥 Cth7	
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				_	<u> </u>	
Part:	BUK9K45-100E					
Date:	20/3/2013					
Rth	2.84 K/V	I	l	1.		
				√ t _{an}	10	