

Thermal RC network (Foster)

SPICE thermal model

BUK7Y153-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	4.03	K/W
	Cth ₁	1.143E-05 F		Ŷ •		
	Cth ₂	6.442E-05 F	1	-	\neg	
	Cth ₃	8.376E-05 F		4		
	Cth ₄	5.754E-04 F			tth1 #Cth1	
	Cth ₅	7.288E-04 F		닏		
	Cth ₆	4.439E-03 F				
	Cth ₇	5.310E-02 F		一		
					tth2 = Cth2	
					-	
	Rth₁	7.880E-03 Ω				
	Rth ₂	1.874E-02 Ω			tths 📥 Cth3	
	Rth ₃	1.106E-01 Ω		Ų.		
	Rth ₄	2.005E-01 Ω		_	1	
	Rth ₅	1.150E+00 Ω		f f		
	Rth ₆	2.326E+00 Ω			ithu = Cthu	
	Rth ₇	2.122E-01 Ω			_	
			(F	') -	-	
			T	Í Ĥ.	ths +Cths	
				Ŭ .	~ T CIII 5	
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				4	 -	
					the ‡Cth6	
				닌		
				_		
				一	<u> </u>	
					tth7 = Cth7	
				七	-	
Oort:	DI IV7V450 4005					
Part:	BUK7Y153-100E					
Date:	25/1/2013					
Rth	4.03 K/W	I				
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