

Thermal RC network (Foster)

SPICE thermal model

BUK9Y3R0-40E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.77	K/W
	Cth ₁	6.162E-05 F		∱ ┪		
	Cth ₂	4.070E-04 F	1		\neg	
	Cth ₃	4.396E-04 F				
	Cth ₄	3.634E-03 F			tth1 #Cth1	
	Cth ₅	6.243E-03 F				
	Cth ₆	1.557E-02 F				
	Cth ₇	1.939E-01 F		Н	•	
					tth2 = Cth2	
				닏	_ -	
	Rth ₁	1.359E-03 Ω		_	-	
	Rth ₂	2.443Ε-03 Ω		▎	tths 📥 Cth3	
	Rth_3	1.954Ε-02 Ω		∐'`		
	Rth ₄	2.996Ε-02 Ω		_	•	
	Rth ₅	1.383E-01 Ω			-	
	Rth ₆	5.185E-01 Ω			tth4 = Cth4	
	Rth ₇	6.149E-02 Ω	لے	느 보		
			(F	') _		
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				•	ths #Cths	
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					the ±cth6	
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					•	
					tth7 🗯 Cth7	
				닏		
Part:	BUK9Y3R0-40E					
Date:	25/1/2013					
Rth	0.77 K/W		l	•	_	
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