

Thermal RC network (Foster)

SPICE thermal model

BUK9Y8R7-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-		1.02	K/W
	Cth ₁	4.600E-05 F		∱ ┪		
	Cth ₂	3.048E-04 F	1	-	\neg	
	Cth ₃	3.403E-04 F		4		
	Cth ₄	2.544E-03 F			tth1 #Cth1	
	Cth ₅	4.385E-03 F		닏		
	Cth ₆	1.298E-02 F				
	Cth ₇	1.537E-01 F		ή_		
					tth2 = Cth2	
				7_		
	Rth ₁	1.861E-03 Ω				
	Rth ₂	3.756E-03 Ω			tths 📥 Cth3	
	Rth ₃	2.584E-02 Ω		ή.		
	Rth_4	4.203E-02 Ω		_	•	
	Rth ₅	2.149Ε-01 Ω		4	-	
	Rth ₆	6.556E-01 Ω			ithu = Cthu	
	Rth ₇	7.773E-02 Ω	لىر	╮ 닏		
			(F	' / -		
			T	´	<u> </u>	
				∐୮	ths = Cths	
					+	
				4		
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				_	<u> </u>	
				L L	_	
				F	tth7 🕇 Cth7	
				닌	—	
Part:	BUK9Y8R7-60E					
Date:	25/1/2013					
Rth	1.02 K/W	I	ı	1		
				√ t _{an}	10	