

Thermal RC network (Foster)

SPICE thermal model

BUK9K6R2-40E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	2.21	K/W
	Cth ₁	3.976E-05 F		Ŷ •		
	Cth ₂	2.164E-04 F	1	+ 1	\neg	
	Cth ₃	3.017E-04 F		4		
	Cth ₄	1.378E-03 F			tth1 #Cth1	
	Cth ₅	5.688E-03 F		Ų	. T	
	Cth ₆	6.507E-03 F				
	Cth ₇	1.055E-01 F		- Г	_	
					tth2 = Cth2	
				닌	_	
	Rth ₁	2.295E-03 Ω			-	
	Rth ₂	5.374E-03 Ω		┌	- Cub-	
	Rth ₃	3.333E-02 Ω		U"	tth3 🕇 Cth3	
	Rth ₄	6.878E-02 Ω			+	
	Rth ₅	2.139E-01 Ω		4		
	Rth ₆	1.358E+00 Ω			tth4 = Cth4	
	Rth ₇	5.236E-01 Ω	لر	_ Y		
			(F	·) _		
			T	一		
					tths = Cths	
				7_	-	
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					tthe ± Cth6	
				ή.		
					—	
				4	•	
				F	tth7 📥 Cth7	
				닌		
art:	BUK9K6R2-40E					
Date:	20/3/2013					
Rth	2.21 K/W		l	•		
				√ t _{an}	nb	