

Thermal RC network (Foster)

SPICE thermal model

BUK7Y7R6-40E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	1.58	K/W
	Cth ₁	2.916E-05 F		∱ ┪		
	Cth ₂	1.726E-04 F	1	<u></u>	\neg	
	Cth ₃	2.092E-04 F				
	Cth ₄	1.786E-03 F			tth1 #Cth1	
	Cth ₅	2.130E-03 F		ļЧ		
	Cth ₆	8.451E-03 F		_	1	
	Cth ₇	8.634E-02 F		l f	_	
				F	ttn2 🕇 Cth2	
				닏	_•	
	Rth ₁	2.749Ε-03 Ω		_	-	
	Rth ₂	5.716E-03 Ω		▎	tths 📥 Ctha	
	Rth ₃	4.154E-02 Ω		Г.		
	Rth ₄	5.616E-02 Ω		_	•	
	Rth ₅	3.287E-01 Ω				
	Rth ₆	1.016E+00 Ω			tth4 ≠ Cth4	
	Rth ₇	1.301E-01 Ω	للر	느 보		
			(F	' / -	_	
			T	$f \cap f$	<u> </u>	
				│ ∐ "	iths #Cth5	
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					tth7 🕇 Cth7	
				こ	+	
Part:	BUK7Y7R6-40E					
uit.	DOINT TRU-40L					
Date:	25/1/2013					
Rth	1.58 K/W	1	l	_		
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