

Thermal RC network (Foster)

SPICE thermal model

BUK7Y12-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.63	K/W
	Cth₁	7.578E-05 F		∱ ┪		
	Cth ₂	5.163E-04 F	1	- + -	\neg	
	Cth ₃	5.303E-04 F				
	Cth ₄	4.594E-03 F		F	tth1 #Cth1	
	Cth ₅	8.156E-03 F		닏		
	Cth ₆	1.766E-02 F		_		
	Cth ₇	2.995E-01 F		一	L	
					ttn2 = Cth2	
				_ ~		
	Rth ₁	1.090E-03 Ω				
	Rth ₂	1.835E-03 Ω			tth3 📥 Cth3	
	Rth ₃	1.563E-02 Ω		ļ Ļ	T 54.13	
	Rth ₄	2.408Ε-02 Ω		_	1	
	Rth ₅	1.003E-01 Ω		l f		
	Rth ₆	4.443E-01 Ω		F	kthu4 💳 Cthu4	
	Rth ₇	4.209E-02 Ω		느 노	-	
			(F	' / _		
			T	ſ	ths +Cths	
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					•	
					the 🛨 Cth6	
				닏		
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				╵╶	<u> </u>	
					tth7 = Cth7	
				こ	┩—	
Part:	BUK7Y12-100E					
art.	DOINT 12-100L					
Date:	25/1/2013					
Rth	0.63 K/W	1				
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