

Thermal RC network (Foster)

SPICE thermal model

BUK9Y22-100E

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			\neg	
	Cth ₃	3.403E-04 F				
	Cth ₄	2.544E-03 F		F	tth1 #Cth1	
	Cth ₅	4.385E-03 F		ᅵ 'ᆛ		
	Cth ₆	1.298E-02 F				
	Cth ₇	1.537E-01 F		$\mid \mid \mid $		
				↓'	tth2 = Cth2	
	Rth₁	1.861E-03 Ω				
	Rth ₂	3.756E-03 Ω		▎ ሰ₌	<u></u>	
	Rth ₃	2.584E-02 Ω		୲	tths 🛨 Cth3	
	Rth ₄	4.203E-02 Ω			+	
	Rth ₅	2.149E-01 Ω				
	Rth ₆	6.556E-01 Ω		F	tth4 # Cth4	
	Rth ₇	7.773E-02 Ω		느 닌		
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				┌ ╽₌	<u> </u>	
				"	ths = Cths	
						
						
					tthe ‡Cth6	
				ᅵ		
				╽ ሰ₌		
					tth7 🕇 Cth7	
				"	-	
Part:	BUK9Y22-100E					
all.	DOUA 55-100E					
Date:	25/1/2013					
Rth	1.02 K/W	I		- • -		
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