

## Thermal RC network (Foster)

## **SPICE thermal model**

BUK7Y25-80E Unit

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	1.58	K/W
	Cth₁	2.916E-05 F		<b>Ŷ t</b>		
	Cth <sub>2</sub>	1.726E-04 F	1		$\neg$	
	Cth <sub>3</sub>	2.092E-04 F			<del></del>	
	Cth <sub>4</sub>	1.786E-03 F			tth1 #Cth1	
	Cth <sub>5</sub>	2.130E-03 F		ļ Ļ	, T'	
	Cth <sub>6</sub>	8.451E-03 F				
	Cth <sub>7</sub>	8.634E-02 F		<u> </u>		
				F	tth2 = Cth2	
				' ' ' ' ' ' ' '	<b>-</b>	
	Rth <sub>1</sub>	2.749E-03 Ω			<del></del>	
	Rth <sub>2</sub>	5.716E-03 Ω			tth3 📥 Cth3	
	Rth <sub>3</sub>	4.154E-02 Ω		μ.	-5 - 5013	
	Rth <sub>4</sub>	5.616E-02 Ω		_	<b>†</b>	
	Rth <sub>5</sub>	3.287E-01 Ω		<u> </u>	•	
	Rth <sub>6</sub>	1.016E+00 Ω			tth4 = Cth4	
	Rth <sub>7</sub>	1.301E-01 Ω		<b>느 모</b>		
			( F	ר' (י	<del>_</del>	
				「 │ │	Har I 346	
				│	tths = Cths	
					+	
					•	
				F	tthe #Cth6	
				닏		
				Н	·	

Part:

BUK7Y25-80E

Date:

25/1/2013

Rth

1.58 K/W

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