

Thermal RC network (Foster)

SPICE thermal model

BUK9M85-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	4.80	K/W
	Cth ₁	6.427E-06 F		A	4	
	Cth ₂	7.431E-05 F			<u>tj</u>	
	Cth ₃	4.432E-05 F				
	Cth ₄	1.193E-03 F				_
	Cth ₅	3.891E-04 F			JRth₁ 🕇 Cth	1
	Cth ₆	4.302E-03 F				
	Cth ₇	2.916E-03 F				
	Cth ₈	1.758E+01 F			Rth ₂ + Cth	2
	Rth₁	6.908E-03 Ω				
	Rth ₂	1.926E-02 Ω		l r	<u> ነ</u>	
	Rth ₃	1.262E-01 Ω			Rth3 = Cth	3
	Rth ₄	9.094E-02 Ω		'		
	Rth ₅	1.997Ε+00 Ω				
	Rth ₆	2.197Ε+00 Ω			Rth4 + Cth	A
	Rth ₇	3.449E-01 Ω			J T 9""	+
	Rth ₈	1.685E-02 Ω	((P)		
				\bigvee $_{I}$	<u> </u>	
					Rth ₅ + Cth	5
				'		
					Rth ₆ $\stackrel{\bot}{=}$ Cth	6
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					5	
					Rth7 = Cth	7
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Part:	BUK9M85-60E				Rth8 + Cth	0
Date:	3/3/2016				┦ ````` 	ō
Model Rth	4.80 K/W					
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