

Thermal RC network (Foster)

SPICE thermal model

BUK969R0-60F

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance from junction to mounting base		-	-	1.09	K/W
	Cth ₁	7.777E-05 F		A	4	
	Cth ₂	5.590E-04 F			<u>tj</u>	
	Cth ₃	4.173E-04 F				
	Cth ₄	1.668E-03 F				
	Cth ₅	4.591E-03 F			JRth₁ ‡Cth	1
	Cth ₆	1.183E-02 F				
	Cth ₇	5.894E-01 F			<u>-</u> -	
	Cth ₈	6.237E+01 F			Rth ₂ + Cth	2
				L		_
	Rth ₁	1.138E-03 Ω				
	Rth ₂	2.238E-03 Ω			┧ ⊥	
	Rth ₃	2.653E-02 Ω			Rth3 + Cth	3
	Rth ₄	6.359E-02 Ω			T	
	Rth ₅	2.437E-01 Ω		<u> </u>		
	Rth ₆	6.823E-01 Ω			Rth4 + Cth	4
	Rth ₇	9.785E-02 Ω		\	丿	•
	Rth ₈	3.577E-03 Ω	((P)		
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					Rth5 + Cth	5
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					Rth6 + Cth	
					J''''' T ''''	0
				Г	5	
					Rth7 + Cth	7
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art:	BUK969R0-60E				Rth8 + Cth	D
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lodel Rth	1.12 K/W					
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