

Thermal RC network (Foster)

SPICE thermal model

BUK9M156-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	4.17	K/W
	Cth ₁	9.782E-06 F		Δ	4	
	Cth ₂	9.797E-05 F			<u>tj</u>	
	Cth ₃	5.849E-05 F				
	Cth ₄	1.642E-03 F				
	Cth ₅	4.431E-04 F			JRth1 † Cth1	
	Cth ₆	4.924E-03 F				
	Cth ₇	7.792E-02 F			-	
	Cth ₈	6.763E+01 F			Rth ₂ + Cth ₂	!
	Rth ₁	6.862E-03 Ω				
	Rth ₂	1.289E-02 Ω			┧_ ゛┃	
	Rth ₃	1.003E-01 Ω			Rth3 = Cth3	3
	Rth ₄	7.651E-02 Ω			┖╇╜	
	Rth₅	1.956E+00 Ω				
	Rth ₆	1.631E+00 Ω			Rth4 + Cth4	ı
	Rth ₇	3.775E-01 Ω			J 4 T 94	•
	Rth ₈	5.465E-03 Ω	((P)		
				\bigvee \bigcap	5 1	
					Rth5 + Cth5	5
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				_		
					Rth ₆ + Cth ₆	•
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					Rth7 + Cth7	•
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Dort	DUIZOMAEO ACOE					
Part:	BUK9M156-100E				Rth8 + Cth8	,
Date:	3/3/2016					•
Model Rth	4.17 K/W					
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				V	001aal768	}