

Thermal RC network (Foster)

SPICE thermal model

BUK9M35-80E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.44	K/W
	Cth ₁	2.010E-05 F		A	4	
	Cth ₂	1.708E-04 F			<u>tj</u>	
	Cth ₃	1.888E-04 F				
	Cth ₄	7.066E-03 F			Rth ₁ + Cth	
	Cth ₅	1.019E-03 F			┙╵┈╵ て └┉	1
	Cth ₆	9.129E-03 F				
	Cth ₇	9.134E-02 F			5	
	Cth ₈	2.243E+02 F			Rth ₂ + Cth	2
	Rth ₁	4.007E-03 Ω				
	Rth ₂	6.986E-03 Ω			九二 上	
	Rth ₃	4.049E-02 Ω			Rth3 + Cth	3
	Rth ₄	1.746E-02 Ω			┸-•	
	Rth ₅	1.084E+00 Ω				
	Rth ₆	1.072E+00 Ω			Rth4 + Cth	4
	Rth ₇	2.058E-01 Ω				•
	Rth ₈	4.457E-03 Ω	((P)		
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					Rth5 = Cth	5
				'	┖╇╜	
					Rth ₆ + Cth	6
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					Rth7 + Cth	7
Part:	BUK9M35-80E					
all.	DOI/3000-OUE				Rth8 + Cth	Ω
Date:	9/5/2016				J T 500	O
Model Rth	2.44 K/W					
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				V	001aal76	8
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