

Thermal RC network (Foster)

SPICE thermal model

BUK9M24-40E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	3.40	K/W
	Cth ₁	1.254E-05 F		A	4	
	Cth ₂	1.257E-04 F			<u>tj</u>	
	Cth ₃	7.908E-05 F				
	Cth ₄	5.371E-02 F				_
	Cth ₅	4.805E-04 F			JRth₁ ‡Cth₁	
	Cth ₆	1.086E-02 F				
	Cth ₇	2.098E-02 F				
	Cth ₈	3.685E+03 F			Rth ₂ + Cth ₂	2
				l l	┦ .	-
	Rth ₁	6.283E-03 Ω				
	Rth ₂	1.024E-02 Ω			ጎ ·	
	Rth ₃	7.854E-02 Ω			Rth3 = Cth	3
	Rth ₄	2.335E-03 Ω			┸┿╜	
	Rth₅	2.418E+00 Ω				
	Rth ₆	8.346E-01 Ω			Rth4 + Cth	1
	Rth ₇	4.766E-02 Ω				•
	Rth ₈	2.714E-04 Ω	((P)		
				\bigvee ,	5	
					Rth5 = Cthe	5
				'	ᆫ	
					JRth6	3
					<u> </u>	
					_	
					Rth7 + Cth7	7
				l l	_ · _ ·,	
Part:	BUK9M24-40E] [ጎ	
					Rth8 = Cth	3
Date:	3/3/2016					
Model Rth	3.40 K/W	1		<u> </u>		
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					001aal768	3