

Thermal RC network (Foster)

SPICE thermal model

BUK961R7-40E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.46	K/W
	Cth ₁	2.404E-04 F		\triangle		
	Cth ₂	1.735E-03 F			<u>tj</u>	
	Cth ₃	1.299E-03 F				
	Cth ₄	4.873E-03 F				
	Cth ₅	1.648E-02 F			JRth1 † Cth1	
	Cth ₆	2.996E-02 F				
	Cth ₇	6.007E-01 F				
	Cth ₈	1.529E+02 F			Rth ₂ + Cth ₂	
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	Rth ₁	3.714E-04 Ω				
	Rth ₂	7.331E-04 Ω			┧╻" ⊥	
	Rth ₃	8.493E-03 Ω			Rth3 + Cth3	
	Rth ₄	2.053E-02 Ω			┖-•	
	Rth ₅	6.988E-02 Ω				
	Rth ₆	2.879E-01 Ω			Rth4 + Cth4	
	Rth ₇	8.385E-02 Ω			┦ . ┬ · · · · · · · · · · · · · · · · · ·	
	Rth ₈	1.433E-03 Ω		(P)		
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					Rth5 + Cth5	
				'		
					Rth ₆ + Cth ₆	
					5	
					Rth7 + Cth7	
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Part:	BUK961R7-40E			[Rth8 + Cth8	
Date:	11/4/2013					
Model Rth	0.47 K/W					
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