

Thermal RC network (Foster)

SPICE thermal model

BUK9E15-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	1.60	K/W
	Cth ₁	4.740E-05 F		夕	4.	
	Cth ₂	3.573E-04 F			<u>tj</u>	
	Cth ₃	2.573E-04 F				
	Cth ₄	9.872E-04 F			Rth ₁ + Cth	
	Cth ₅	2.798E-03 F			┙┈┈╵┲╺┈	וין
	Cth ₆	7.463E-03 F				
	Cth ₇	2.715E-01 F			←	
	Cth ₈	3.781E+01 F			Rth ₂ + Ctr	12
	Rth₁	1.715E-03 Ω				
	Rth ₂	3.454E-03 Ω			ጎ	
	Rth ₃	3.886E-02 Ω			Rth3 + Ctr	13
	Rth ₄	1.014E-01 Ω			┖┿┦	
	Rth ₅	3.814E-01 Ω				
	Rth ₆	8.981E-01 Ω			Rth4 + Cth	14
	Rth ₇	1.681E-01 Ω			J'''' '' 	-4
	Rth ₈	5.350E-03 Ω	((P)		
				\bigvee ,	5	
					Rth ₅ + Ctr	15
					┖┿┷	
					Rth ₆ + Cth	10
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				l r	5	
					Rth7 = Ctr	17
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_	DUIVOE 45 005					
Part:	BUK9E15-60E				Rth8 + Cth	
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Oate: Rth	11/4/2013 1.60 K/W					
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