

Thermal RC network (Foster)

SPICE thermal model

BUK7K134-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	4.68	K/W
	Cth ₁	1.267E-05 F		夕	4.	
	Cth ₂	6.746E-05 F			<u>tj</u>	
	Cth ₃	9.693E-05 F				
	Cth ₄	4.239E-04 F			Rth ₁ + Ctl	h.4
	Cth ₅	1.921E-03 F			J```''\ T ``'	וין
	Cth ₆	2.081E-03 F				
	Cth ₇	7.455E-02 F				
	Cth ₈	4.773E+00 F			Rth ₂ + Ctl	h2
	Rth ₁	7.020E-03 Ω				
	Rth ₂	1.675E-02 Ω			┪ 丄	
	Rth ₃	1.023E-01 Ω			Rth3 + Ctl	nვ
	Rth ₄	2.229E-01 Ω		<u> </u>		
	Rth ₅	6.814E-01 Ω				
	Rth ₆	3.349E+00 Ω			Rth4 + Cti	ha
	Rth ₇	2.648E-01 Ω			丿	
	Rth ₈	3.995E-02 Ω	((P)		
				\bigvee I	<u> ነ</u>	
					Rth5 + Ctl	h5
				<u>'</u>		
					Rth ₆ + Cti	he
				l l	J'''''' T '''	סי
					-	
					Rth7 + Ctl	h7
5.	DI 11/7// 400 F					
Part:	BUK7K134-100E				Rth8 + Ctl	ho
Date:	20/3/2013				J''''' T C''	יס
Rth	4.68 K/W					
	1.00				t _{amb}	
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