

Thermal RC network (Foster)

SPICE thermal model

BUK9K134-100F

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		\triangle	4	
	Cth ₂	6.746E-05 F			<u>tj</u>	
	Cth ₃	9.693E-05 F				
	Cth ₄	4.239E-04 F			1 Bth. Lau	
	Cth ₅	1.921E-03 F			JRth1 † Cth	1
	Cth ₆	2.081E-03 F				
	Cth ₇	7.455E-02 F			<u>-</u>	
	Cth ₈	4.773E+00 F			Rth ₂ + Cth	2
	Rth₁	7.020E-03 Ω				
	Rth ₂	1.675Ε-02 Ω		l r	5	
	Rth ₃	1.023E-01 Ω			Rth3 = Cth	3
	Rth ₄	2.229E-01 Ω			ᅩᆗ	
	Rth₅	6.814E-01 Ω				
	Rth ₆	3.349Ε+00 Ω			Rth4 + Cth	
	Rth ₇	2.648E-01 Ω				4
	Rth ₈	3.995E-02 Ω	((P)		
			·	· ,	5	
					Rth5 = Cth	5
				L	┸—	
					1 Parks 1	
					JRth ₆	6
					ς 十	
					Rth7 + Cth	7
				l l		-
art:	BUK9K134-100E					_
	00/0/2242				Rth8 + Cth	8
ate:	20/3/2013					
tth	4.68 K/W			—	 tb	
				\Diamond	t _{amb} <i>001aal76</i>	Ω
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