

Thermal RC network (Foster)

SPICE thermal model

BUK9K22-80E

001aal768

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.36	K/W
	Cth ₁	3.575E-05 F		夕	4.	
	Cth ₂	1.981E-04 F			<u>ւ</u> յ	
	Cth ₃	2.706E-04 F				
	Cth ₄	1.210E-03 F			Rth ₁ + Cth	
	Cth ₅	4.930E-03 F			丿\````` 一 ``'	11
	Cth ₆	5.951E-03 F			_	
	Cth ₇	1.357E-01 F			5	
	Cth ₈	6.011E+01 F			Rth ₂ = Ctr	12
				'		
	Rth ₁	2.533E-03 Ω				
	Rth ₂	5.928E-03 Ω			[†] Իրեր ⊥ Հա	
	Rth ₃	3.577E-02 Ω			JRth3 ‡ Ctr	13
	Rth ₄	7.656E-02 Ω			<u> </u>	
	Rth ₅	2.422E-01 Ω			<u>_</u>	
	Rth ₆	1.553E+00 Ω			Rth4 + Ctr	14
	Rth ₇	4.394E-01 Ω				•
	Rth ₈	3.829E-03 Ω	((P)		
				\mathcal{T}	ጎ	
					Rth5 + Ctr	15
						
					Rth ₆ + Ctr	16
				l l		•
					┧ ⊥	
					」Rth7 〒Cth	17
						
Part:	BUK9K22-80E				, • ¬	
-					Rth8 + Ctr	18
Date:	15/6/2017			l l		_
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Model Rth

2.36

K/W