

Thermal RC network (Foster)

Rth8 =

t_{amb}

Cth₈

001aal768

SPICE thermal model

BUK9M14-40E Unit

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.75	K/W
	Cth₁	1.598E-05 F		A		
	Cth ₂	1.754E-04 F			<u>[j</u>	
	Cth ₃	1.300E-04 F				
	Cth ₄	8.034E-03 F			Rth ₁ Lct	
	Cth ₅	8.275E-04 F		L	JRth1 ≑ Ctl	Պ1
	Cth ₆	6.710E-03 F				
	Cth ₇	7.777E-02 F			ς • Τ	
	Cth ₈	8.620E+01 F			Rth2 +Ct	h2
				L		_
	Rth ₁	3.930E-03 Ω				
	Rth ₂	6.913E-03 Ω		Г	ነ	
	Rth ₃	4.368E-02 Ω			Rth3 + Ctl	ივ
	Rth ₄	1.751E-02 Ω			└	
	Rth ₅	1.045E+00 Ω			ς +	
	Rth ₆	1.260E+00 Ω			Rth4 + Ct	h a
	Rth ₇	3.643E-01 Ω				-
	Rth ₈	3.262E-03 Ω	((P)		
				\mathcal{T}	ነ	
					Rth5 = Ct	h5
					└	
					ς • Τ	
					Rth ₆ + Ctl	ne
				l L		
				г	ነ ነ	
					Rth7 = Ct	h7

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Part:

Model Rth

BUK9M14-40E

3/3/2016

2.75

K/W