

Thermal RC network (Foster)

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.00	K/W
	Cth ₁	2.117E-05 F		Д	4	
	Cth ₂	1.868E-04 F		_	<u>tj</u>	
	Cth ₃	2.444E-04 F			_	
	Cth ₄	2.967E-03 F				
	Cth_5	1.698E-03 F			$\int Rth_1 + Cth_2$	1
	Cth ₆	6.259E-03 F				
	Cth ₇	8.221E-02 F		r	۲ ♦ 1	
	Cth ₈	2.085E+02 F			$Rth_2 = Cth_2$	2
	Rth₁	2.884Ε-03 Ω				
	Rth ₂	5.970E-03 Ω		r	┺ ╹	
	Rth ₃	2.837E-02 Ω			Rth3 🕇 Cth	3
	Rth ₄	3.855E-02 Ω			ᡗ᠋	
	Rth ₅	5.033E-01 Ω			<u></u>	
	Rth ₆	1.154E+00 Ω				
	Rth ₇	2.626E-01 Ω				+
	Rth ₈	3.109E-03 Ω	((P)		
					Rth5 + Cthe	5
						3
				l		
				[
					Rth7 📥 Cth7	7
Part:	BUK9M43-100E			ſ		
Date:	3/3/2016				Rth8 🕇 Cth	3
Nodel Rth	2.00 K/W					
				Ţ	t _{amb}	
				V	001aal768	8

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