

Thermal RC network (Foster)

SPICE thermal model

BUK9611-80E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.82	K/W
	Cth ₁	1.128E-04 F		\triangle	4	
	Cth ₂	8.153E-04 F			<u>tj</u>	
	Cth ₃	6.066E-04 F				
	Cth ₄	2.369E-03 F				
	Cth ₅	6.973E-03 F			JRth₁ ‡Cth₁	
	Cth ₆	1.600E-02 F				
	Cth ₇	5.627E-01 F			ς•	
	Cth ₈	5.931E+01 F			Rth ₂ + Cth ₂	<u>)</u>
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	Rth ₁	7.791E-04 Ω				
	Rth ₂	1.532E-03 Ω			┧ ⊥	
	Rth ₃	1.801E-02 Ω			Rth3 + Cth3	}
	Rth ₄	4.374E-02 Ω			T	
	Rth ₅	1.604E-01 Ω				
	Rth ₆	5.174E-01 Ω			Rth4 + Cth4	
	Rth ₇	9.637E-02 Ω			J 7 T 92	•
	Rth ₈	3.222E-03 Ω		(P)		
				\bigvee $_{ }$	5	
					Rth5 + Cth	5
				'	┸┯┚	
					Rth ₆ + Cth ₆	
					JRth6	5
					_	
					Rth7 + Cth7	,
					┦ .	
Part:	BUK9611-80E				<u> </u>	
					Rth8 + Cth8	3
Date:	11/4/2013				T	
Model Rth	0.84 K/W			<u> </u>	 • .	
				$\dot{ m \triangle}$	t _{amb}	
					001aal768	3