

Thermal RC network (Foster)

SPICE thermal model

BUK7M9R9-60F

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	1.89	K/W
	Cth ₁	2.419E-05 F		Δ		
	Cth ₂	2.167E-04 F			<u>tj</u>	
	Cth ₃	3.323E-04 F				
	Cth ₄	2.213E-03 F			1 Park	
	Cth ₅	3.420E-03 F			JRth₁ 🕇 Cth	1
	Cth ₆	6.196E-03 F				
	Cth ₇	2.541E-02 F			<u>-</u>	
	Cth ₈	4.000E+01 F			Rth ₂ + Cth	2
	Rth₁	2.335E-03 Ω				
	Rth ₂	4.887E-03 Ω		l r	5	
	Rth ₃	2.084Ε-02 Ω			Rth3 = Cth	3
	Rth ₄	4.805E-02 Ω		L	┸┯┛	
	Rth ₅	3.344Ε-01 Ω				
	Rth ₆	1.432E+00 Ω			Rth4 + Cth	
	Rth ₇	3.993E-02 Ω				4
	Rth ₈	7.333E-03 Ω	((P)		
			·	\bigvee ,	5	
					Rth5 = Cth	5
				'		
					$\int_{Btho} \bot_{Cth}$	_
					JRth ₆	6
						
					Rth7 = Cth	7
				L		
low.	DUIVZMODO COE					
art:	BUK7M9R9-60E				Rth8 + Cth	0
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lodel Rth	1.89 K/W					
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