

Thermal RC network (Foster)

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	4.17	K/W
	Cth ₁	9.782E-06 F		Ą		
	Cth ₂	9.797E-05 F		_	<u>tj</u>	
	Cth ₃	5.849E-05 F				
	Cth ₄	1.642E-03 F				
	Cth ₅	4.431E-04 F				1
	Cth ₆	4.924E-03 F				
	Cth ₇	7.792E-02 F		r	∽	
	Cth ₈	6.763E+01 F			$\int Rth_2 + Cth_2$	2
	Rth₁	6.862E-03 Ω				
	Rth ₂	1.289E-02 Ω		1		
	Rth ₃	1.003E-01 Ω			Rth3 Cth	3
	Rth ₄	7.651E-02 Ω			┎╧╺╋╼╌┥	
	Rth₅	1.956E+00 Ω			<u></u>	
	Rth ₆	1.631E+00 Ω			Rth4 Cth	4
	Rth ₇	3.775E-01 Ω				+
	Rth ₈	5.465E-03 Ω	((P)		
				Ť [5
] [2
						J
				1		
					Rth7 = Cth	7
Part:	BUK9M53-60E					
						8
Date:	3/3/2016				`	
Nodel Rth	4.17 K/W			• • • •	tamb	
				\diamond	t _{amb} 001aal76	0

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