

Thermal RC network (Foster)

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.64	K/W
	Cth ₁	1.572E-04 F		Ą		
	Cth ₂	1.124E-03 F		_	tj	
	Cth ₃	8.462E-04 F				
	Cth_4	3.272E-03 F				
	Cth ₅	1.019E-02 F				I
	Cth ₆	2.118E-02 F			└ ──† ──┘	
	Cth ₇	5.698E-01 F		r	۲ • − 1	
	Cth ₈	1.813E+02 F			$\int Rth_2 + Cth_2$	2
	Rth₁	5.654Ε-04 Ω				
	Rth ₂	1.114E-03 Ω		l r	h i	
	Rth ₃	1.315E-02 Ω			Rth3 = Cth;	3
	Rth ₄	3.159E-02 Ω			┎╧╺╋╼╌╴┥	
	Rth₅	1.138E-01 Ω			<u></u>	
	Rth ₆	3.999E-01 Ω			Rth4 + Cth	
	Rth ₇	9.381E-02 Ω				÷
	Rth ₈	1.005Ε-03 Ω	((P)		
				Ť [Rth5 + Cthe	5
						3
				L	┙	
						7
				L		
Part:	BUK963R1-40E				Rth8 = Cth	3
Date:	11/4/2013				᠊᠘᠊	
lodel Rth	0.65 K/W			L] •	
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