

Thermal RC network (Foster)

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.59	K/W
	Cth ₁	2.091E-04 F			t _i	
	Cth ₂	3.786E-04 F		\	<u>י</u>	
	Cth ₃	1.149E-03 F			<u>∟</u> ♦]	
	Cth₄	2.963E-03 F			Rth1 + Cth	1
	Cth₅	4.525E-02 F		L L		•
	Cth ₆	1.341E-02 F				
	Cth ₇	1.150E+00 F		l r	γ	
	Cth ₈	2.085E+00 F			$\operatorname{Rth}_2 = \operatorname{Cth}_1$	2
	Rth ₁	5.439E-04 Ω				
	Rth ₂	2.734E-03 Ω		Г	$\begin{bmatrix} \bullet & \bullet \\ \bullet & \bullet \end{bmatrix}$	
	Rth ₃	9.087E-03 Ω			Rth3 茾 Cth	3
	Rth ₄	2.370E-02 Ω			╧╺	
	Rth ₅	3.030E-02 Ω		_		
	Rth ₆	3.378E-01 Ω				
	Rth ₇	1.256E-01 Ω		L L		4
	Rth ₈	6.030E-02 Ω	(́Р)		
			Ň	\checkmark r	$\neg \neg \neg$	
					Rth5 📥 Cth	5
				L	╧╺╾┚	
					Rth6 + Cth	
						6
						
				l r	$ \int \Phi = $	
					Rth7 🚔 Cth	7
					╧╺╾┙	
Dort						
Part:	PSMN0R7-25YLD			[-
)ata:	17/3/2016				$\operatorname{Rth}_8 = \operatorname{Cth}$	אי
Date: Model Rth	0.59 K/W					
	0.03 1010			f	t _{amb}	
				\bigtriangledown	amb 001aal76	8

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