## nexperia

## Thermal RC network (Foster)

DOMNODO 25VI C

## SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		-	-	0.55	K/W
	Cth <sub>1</sub>	1.038E-04 F		∱ t <sub>j</sub>		
	Cth <sub>2</sub>	4.667E-04 F		- <b>•</b> -'		
	Cth <sub>3</sub>	6.025E-04 F			7	
	Cth <sub>4</sub>	2.970E-03 F		Rth <sub>1</sub>	$+ Cth_1$	
	Cth <sub>5</sub>	2.137E-02 F		Ļ	- · ·	
	Cth <sub>6</sub>	1.463E-02 F			_	
	Cth <sub>7</sub>	7.042E+03 F		<u>н</u>		
				Rth2	Cth <sub>2</sub>	
				۲ <u>ـ</u>		
	Rth <sub>1</sub>	8.791E-04 Ω		<b>_</b> _	-	
	Rth <sub>2</sub>	2.288Ε-03 Ω		Rth3		
	Rth <sub>3</sub>	1.673E-02 Ω			Cth <sub>3</sub>	
	Rth <sub>4</sub>	2.591E-02 Ω				
	Rth₅	5.146E-02 Ω		<del></del>	7	
	Rth <sub>6</sub>	4.527E-01 Ω		Rth4	Cth <sub>4</sub>	
	Rth <sub>7</sub>	8.981Ε-06 Ω	$\rightarrow$	μ	T 7	
	,		(P)		_	
			$\checkmark$	Ь		
				Rth5	Cth <sub>5</sub>	
				۲ <u>+</u>		
				<b>_</b> _	-	
				Пви		
				Kin6	Cth <sub>6</sub>	
				T_+		
					7	
				Rth7	Cth7	
				Ļ,	Τ,	
Dort	PSMN0R9-25YLC					
Part:	FOIVIINURY-201LU					
Data:	21/10/2010					
Date:	31/10/2018 0.55 K/W			<b>_</b>		
Model Rth	0.55 K/W			↓ t <sub>amb</sub>		
				v		

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