nexperia

Thermal RC network (Foster)

DOMNOD5-100DOC

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.82	K/W
	Cth ₁	5.886E-04 F		∱ t _j		
	Cth ₂	5.611E-04 F		- • -'		
	Cth ₃	6.687E-04 F		₋₋₄	7	
	Cth ₄	2.380E-03 F		Rth ₁	$+ Cth_1$	
	Cth ₅	6.538E-03 F		ų,		
	Cth ₆	2.832E-02 F			_	
	Cth ₇	7.217E-02 F		Ь		
				Rth2	+ Cth ₂	
				۲ <u>+</u>		
	Rth ₁	2.153E-04 Ω			7	
	Rth ₂	2.307E-03 Ω		Rth3	Cth ₃	
	Rth ₃	1.498E-02 Ω		L		
	Rth ₄	4.396E-02 Ω		f		
	Rth₅	1.516E-01 Ω		_ _	7	
	Rth ₆	4.376E-01 Ω		Rth ₄	Cth ₄	
	Rth ₇	1.694E-01 Ω		L.		
			(P)	I	_	
			\downarrow	Ċ		
				Rth5	Cth ₅	
				۳_+		
					7	
				Rthe	Cth ₆	
				Ц·чію		
				←	7	
				Rth7	Cth7	
				بل ال		
				Í		
Part:	PSMN8R5-100PSF					
Date:	13/4/2017					
Model Rth	0.82 K/W			+		
				↓ t _{amb}		

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