

## **Thermal RC network (Foster)**

## SPICE thermal model

PSMN8R7-100YSF

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R <sub>th(j-mb)</sub>	thermal resistance from junction to mounting base		- -	-	0.76	K/W
	Cth <sub>1</sub>	1.531E-04 F		个 t <sub>j</sub>		
	Cth <sub>2</sub>	3.106E-04 F		<del>-                                    </del>		
	Cth <sub>3</sub>	4.593E-04 F				
	Cth <sub>4</sub>	3.693E-03 F		Rth <sub>1</sub>		
	Cth <sub>5</sub>	8.287E-03 F		닌_		
	Cth <sub>6</sub>	1.318E-02 F			_	
	Cth <sub>7</sub>	5.249E+00 F		<b>Д</b>	<u></u>	
				Rtin2		
				Т-•		
	Rth <sub>1</sub>	7.151E-04 Ω			$\neg$	
	Rth <sub>2</sub>	3.751E-03 Ω		Rth3	± Cth <sub>3</sub>	
	Rth <sub>3</sub>	1.910E-02 Ω		Ų	Τ 3	
	Rth <sub>4</sub>	2.809E-02 Ω			_	
	Rth <sub>5</sub>	1.236E-01 Ω				
	Rth <sub>6</sub>	5.799E-01 Ω		Rth <sub>4</sub>		
	Rth <sub>7</sub>	4.862E-03 Ω		۲.		
			(P)		$\neg$	
			T	Rths	± Cth <sub>5</sub>	
				<u> </u> Г	T	
				<del> </del>	_	
				Т-	$\neg$	
				Rth <sub>6</sub>		
				닌		
					_	
				<u></u>	$\perp_{\alpha}$	
					□ Cth7	
Part:	PSMN8R7-100YSF					
Date:	30/5/2017	,				
Model Rth	0.76 K/V	V		↓ t <sub>amb</sub>		
				V		