

Thermal RC network (Foster)

SPICE thermal model

PSMN1R2-25YLD

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.87	K/W
	Cth ₁	3.687E-04 F		₽ 6		
	Cth ₂	1.707E-04 F	г	<u> </u>	¬	
	Cth ₃	5.386E-04 F		Т.		
	Cth ₄	2.403E-03 F		l le	th1 ‡Cth1	
	Cth ₅	6.038E-03 F		Ų		
	Cth ₆	1.368E-02 F		_	1	
	Cth ₇	2.878E-01 F		L.	•	
				R	th2 = Cth2	
				닌	_	
	Rth ₁	3.468E-04 Ω			-	
	Rth ₂	6.844E-03 Ω			ths 📥 Cth3	
	Rth ₃	1.744E-02 Ω		Ų"	- Cui3	
	Rth ₄	4.403E-02 Ω		_	+	
	Rth ₅	1.848E-01 Ω		4	•	
	Rth ₆	5.708E-01 Ω		R	th4 = Cth4	
	Rth ₇	4.575E-02 Ω		╮ 닏		
			(P	') _	<u> </u>	
			T	一 巾_	<u> </u>	
					ths = Cth5	
				7_	+	
				Т.		
				R	the ‡Cth6	
				Ų.,		
				_	1	
				4	•	
				R	th7 📥 Cth7	
				닌	.	
Part:	PSMN1R2-25YLD					
	4 3 10 15 - 1 -					
Date:	17/3/2016					
Model Rth	0.87 K/W		L	t		
				√ terr	10	