

Thermal RC network (Foster)

SPICE thermal model

PSMN4R2-30MLD

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.32	K/W
	Cth ₁	1.319E-05 F		A	4	
	Cth ₂	1.804E-04 F			<u>tj</u>	
	Cth ₃	1.961E-04 F				
	Cth ₄	9.039E-04 F			$\int_{Dth_4} \bot_{Cth_4}$	
	Cth ₅	2.733E-03 F			JRth1 † Cth1	
	Cth ₆	3.656E-03 F				
	Cth ₇	3.614E-01 F			_	
	Cth ₈	7.738E+01 F			Rth ₂ + Cth ₂	
	Rth₁	4.750E-03 Ω				
	Rth ₂	6.160E-03 Ω		1 1	<u>ጎ</u>	
	Rth ₃	5.100E-02 Ω			Rth3 + Cth3	
	Rth ₄	9.627E-02 Ω		· '	┖╇╜	
	Rth ₅	3.892E-01 Ω				
	Rth ₆	1.634E+00 Ω			Rth4 + Cth4	
	Rth ₇	1.356E-01 Ω				•
	Rth ₈	3.492E-03 Ω	((P)		
				\bigvee $_{I}$	「	
					Rth5 + Cth5	
				'	┖┿╜	
					Rth ₆ + Cth ₆	
				l		1
					Rth7 = Cth7	
				'	┸╇┛	
	DOLULIDS					
Part:	PSMN4R2-30MLD				Rth8 + Cth8	
Onto:	3/3/2015				┙╵┈° 〒 ^{८╓} 8	
Date: Model Rth	3/3/2015 2.32 K/W			_		
MOUEL IXIII	2.32 N/W				t _{amb}	
				∇	•amb <i>001aal768</i>	:
					55 14411 00	