

Thermal RC network (Foster)

SPICE thermal model

PSMN0R9-30ULD

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	0.43	K/W
	Cth ₁	1.374E-04 F		∱ t _j		
	Cth ₂	2.707E-04 F				
	Cth ₃	9.061E-03 F		- F	\neg	
	Cth ₄	1.711E-03 F		Rth ₁		
	Cth ₅	3.204E-01 F		닌_		
	Cth ₆	1.253E-02 F			_	
	Cth ₇	2.760E+05 F		ή	<u></u>	
				Rth2		
				┸-•		
	Rth ₁	8.166E-04 Ω			\neg	
	Rth ₂	2.252E-03 Ω		Rtha	±Cth3	
	Rth ₃	1.485E-03 Ω		Ц'n	Τ ""	
	Rth ₄	3.092E-02 Ω		<u> </u>	_	
	Rth ₅	5.660E-03 Ω		4	\neg	
	Rth ₆	3.889E-01 Ω		Rth ₄		
	Rth ₇	3.644E-07 Ω		닏ᅟ		
			(P)		\neg	
			\perp	Пънь	<u></u>	
					□ Cth5	
				_ -		
				_	\neg	
				Rth ₆		
				ų,		
				ή_ ,		
				Rth7	□ Cth7	
				노		
Part:	PSMN0R9-30ULD					
Date:	26/2/2018					
Model Rth	0.43 K/V	V		t _{amb}		