## nexperia

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

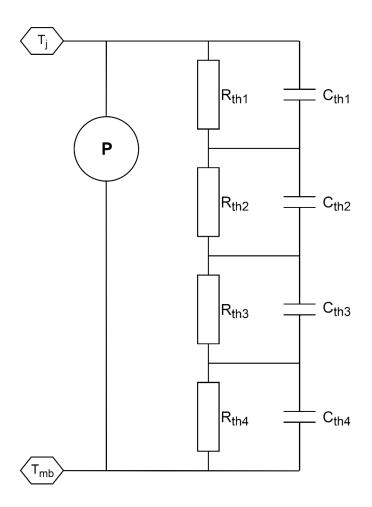
## PSMN1R9-80SSE

## **SPICE thermal model**

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance		-	-	0.44	K/W
	from junction to					
	mounting base					

Cth1	2.373570E-1	F	Rth1	2.368700E-1	Ω
Cth2	2.598690E-2	F	Rth2	1.756040E-1	Ω
Cth3	4.830320E-4	F	Rth3	2.157820E-3	Ω
Cth4	3.304020E-3	F	Rth4	2.536810E-2	Ω

Part Name: Date: PSMN1R9-80SSE 05 February 2023



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