## nexperia

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

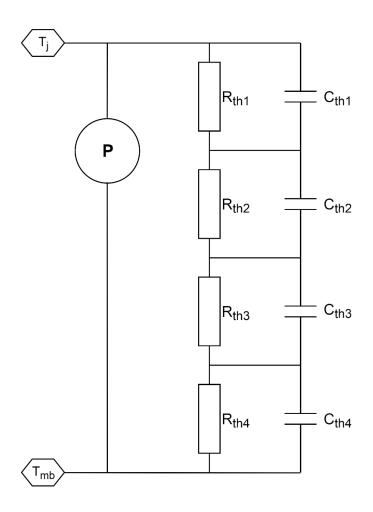
## PSMN5R0-40MSH

## SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance		=	-	1.81	K/W
	from junction to					
	mounting base					

		1		l	-
Cth1	9.828240E-3	F	Rth1	1.056750E+0	Ω
Cth2	4.613950E-3	F	Rth2	5.539790E-1	Ω
Cth3	7.247780E-5	F	Rth3	3.288340E-2	Ω
Cuis	1.241100L J	'	Ruis	J.200340L 2	32
Cth4	8.282820E-4	F	Rth4	1.663540E-1	Ω

Part Name: Date: PSMN5R0-40MSH 28 January 2021



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