## nexperia

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

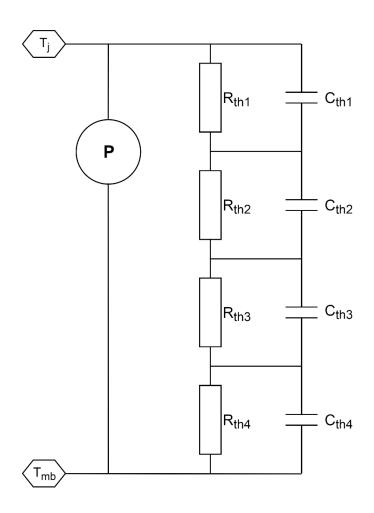
## PXN020-100QS

## SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance		-	-	3.37	K/W
	from junction to					
	mounting base					

		_			0
Cth1	3.662760E-4	F	Rth1	9.618030E-2	Ω
Cth2	3.576870E-2	F	Rth2	6.710630E-1	Ω
Cth3	2.549570E-3	F	Rth3	1.332360E+0	Ω
Cuis	2.3433702 3	'	Ruis	1.5525002+0	32
Cth4	7.442050E-4	F	Rth4	1.267580E+0	Ω

Part Name: Date: PXN020-100QS 26 September 2023



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