## nexperia

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

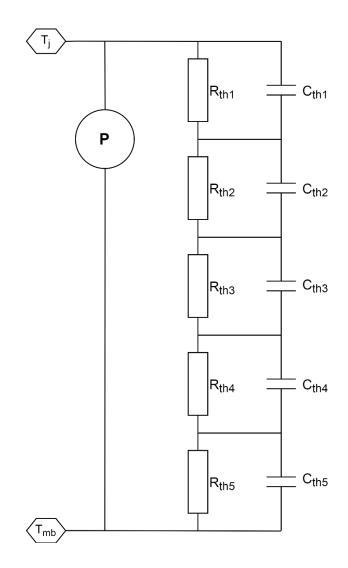
## PSMN3R3-80YSF

## **SPICE thermal model**

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance		=	=	0.59	K/W
	from junction to					
	mounting base					

Cth1	8.046410E-5	F	Rth1	2.617860E-3	Ω
Cth2	1.165810E-1	F	Rth2	2.052990E-1	Ω
Cth3	5.669880E-4	F	Rth3	3.355580E-2	Ω
Cth4	1.447760E-2	F	Rth4	1.750400E-1	Ω
Cth5	1.447780E-2	F	Rth5	1.750400E-1	Ω

Part Name: Date: PSMN3R3-80YSF 18 March 2024



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