# nexperia

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

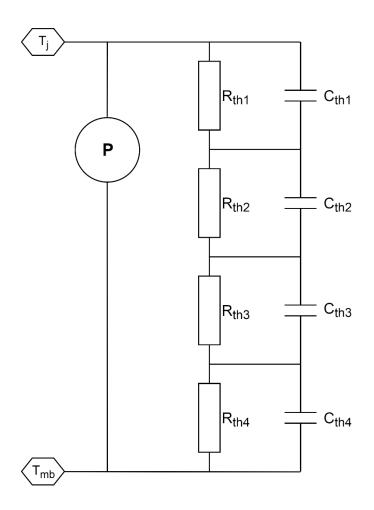
#### PSMN3R7-100BSE

### SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
Rth(j-mb)	thermal resistance		=	-	0.37	K/W
	from junction to					
	mounting base					

		1		r	1
Cth1	2.121740E-1	F	Rth1	1.703350E-1	Ω
Cth2	1.537910E-2	F	Rth2	1.865500E-1	Ω
Cth3	1.541980E-3	F	Rth3	1.623550E-2	Ω
CUID	1.J41900L-J	'	Nuls	1.0233301-2	22
Cth4	3.466790E-4	F	Rth4	6.286580E-4	Ω

Part Name: Date: PSMN3R7-100BSE 15 April 2020



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