

**PSMN1R9-40YSB**

### SPICE thermal model

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
Rth(j-mb)	thermal resistance from junction to mounting base		-	-	0.77	K/W

Cth1	1.446000E-2	F	Rth1	5.810010E-1	$\Omega$
Cth2	5.119340E-3	F	Rth2	1.522420E-1	$\Omega$
Cth3	4.537440E-4	F	Rth3	3.504960E-2	$\Omega$
Cth4	5.925960E-5	F	Rth4	3.208430E-3	$\Omega$

Part Name: PSMN1R9-40YSB  
 Date: 02 November 2023

