

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	5.169750E-5	F	Rth1	4.209130E-3	$\Omega$
Cth2	3.622340E-4	F	Rth2	4.299350E-2	$\Omega$
Cth3	3.488660E-3	F	Rth3	2.636390E-1	$\Omega$
Cth4	1.378910E-2	F	Rth4	4.606590E-1	$\Omega$

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

