

### PSMN3R5-40YSB

#### SPICE thermal model

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
Rth(j-mb)	thermal resistance from junction to mounting base		-	-	1.30	K/W

Cth1	1.020150E-2	F	Rth1	9.006370E-1	$\Omega$
Cth2	2.719810E-3	F	Rth2	3.316470E-1	$\Omega$
Cth3	3.551520E-4	F	Rth3	4.712970E-2	$\Omega$
Cth4	1.018360E-3	F	Rth4	1.698130E-2	$\Omega$
Cth5	3.876930E-5	F	Rth5	5.709300E-3	$\Omega$

Part Name: PSMN3R5-40YSB  
 Date: 02 November 2023

