

## SPICE thermal model

PSMN1R2-30YLD

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	0.69	K/W

$C_{th1}$	6.502E-05 F
$C_{th2}$	3.945E-04 F
$C_{th3}$	4.480E-04 F
$C_{th4}$	4.016E-03 F
$C_{th5}$	5.740E-03 F
$C_{th6}$	1.664E-02 F
$C_{th7}$	4.006E-01 F
$R_{th1}$	1.258E-03 $\Omega$
$R_{th2}$	2.719E-03 $\Omega$
$R_{th3}$	1.950E-02 $\Omega$
$R_{th4}$	2.537E-02 $\Omega$
$R_{th5}$	1.480E-01 $\Omega$
$R_{th6}$	4.606E-01 $\Omega$
$R_{th7}$	3.247E-02 $\Omega$



Part: PSMN1R2-30YLD  
 Date: 10/6/2014  
 Model Rth 0.69 K/W