

## Thermal RC network (Foster)

Max

Тур

## **SPICE thermal model**

Parameter

Symbol

BUK7Y72-80E Unit

$R_{th(j-mb)}$	thermal resistance from junction to mounting base		3.33 K/W
	Cth₁	1.391E-05 F	<b>↑</b> •
	${ m Cth_2}$ ${ m Cth_3}$	8.369E-05 F 1.007E-04 F	
	Cth <sub>4</sub>	7.010E-04 F	Rth1 +Cth1
	Cth <sub>5</sub>	9.370E-04 F	
	Cth <sub>6</sub>	4.967E-03 F	
	Cth <sub>7</sub>	7.711E-02 F	Rth2 = Cth2
	Rth <sub>1</sub>	6.625E-03 Ω	
	Rth <sub>2</sub>	1.505E-02 Ω	Rth3 +Cth3
	$Rth_3$	8.856E-02 Ω	
	Rth <sub>4</sub>	1.705E-01 Ω	
	Rth <sub>5</sub>	8.947E-01 Ω	
	Rth <sub>6</sub>	1.999Ε+00 Ω	Rth4 = Cth4

Min

Conditions

Part:

BUK7Y72-80E

Rth<sub>7</sub>

1.566E-01 Ω

Date:

25/1/2013

Rth 3.33 K/W t<sub>amb</sub>

Rths :

Rthe # Cth6

Cths

Cth<sub>7</sub>