

## Thermal RC network (Foster)

## SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	2.36	K/W
	Cth <sub>1</sub>	3.575E-05 F		Ą	t:	
	Cth <sub>2</sub>	1.981E-04 F		_ <b> </b>	tj	
	Cth <sub>3</sub>	2.706E-04 F			<u></u>	
	Cth <sub>4</sub>	1.210E-03 F			Rth1 + Cth	1
	Cth <sub>5</sub>	4.930E-03 F		L	יייין <b>דיי</b> ני	1
	Cth <sub>6</sub>	5.951E-03 F				
	Cth <sub>7</sub>	1.357E-01 F		Г	$\begin{bmatrix} \bullet & \bullet \\ \bullet & \bullet \end{bmatrix}$	
	Cth <sub>8</sub>	6.011E+01 F			$\int Rth_2 + Cth$	2
	Rth₁	2.533E-03 Ω				
	Rth <sub>2</sub>	5.928E-03 Ω		Г	$\neg$	
	Rth <sub>3</sub>	3.577E-02 Ω			Rth3 茾 Cth	3
	Rth <sub>4</sub>	7.656Ε-02 Ω		L	╧╼╴╴	
	Rth <sub>5</sub>	2.422Ε-01 Ω				
	Rth <sub>6</sub>	1.553E+00 Ω			Rth4 📥 Cth	
	Rth <sub>7</sub>	4.394E-01 Ω				4
	Rth <sub>8</sub>	3.829E-03 Ω	(	(P)	<b></b>	
			Ň	$\checkmark$	<b>└─</b> ◆───	
					$\int Rth_5 + Cth$	5
				[		
					$\int Rth_6 + Cth$	6
					<b></b>	
				-   r	<b>۲</b>	
					Rth7 📥 Cth	7
				L	┙	
Part:	BUK9K32-100E					0
ate:	20/3/2013					0
th	2.36 K/W	,				
				Ţ	t <sub>amb</sub>	
				$\checkmark$	001aal76	8

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