

Thermal RC network (Foster)

SPICE thermal model

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
th(j-mb)	thermal resistance from junction to mounting base		-	-	0.46	K/W
	Cth ₁	2.404E-04 F		Ą	t:	
	Cth ₂	1.735E-03 F		_ 	tj	
	Cth ₃	1.299E-03 F			<u></u>	
	Cth ₄	4.873E-03 F				
	Cth ₅	1.648E-02 F		L		
	Cth ₆	2.996E-02 F				
	Cth ₇	6.007E-01 F		Г	$\begin{bmatrix} \bullet & \bullet \\ \bullet & \bullet \end{bmatrix}$	
	Cth ₈	1.529E+02 F			$\int Rth_2 + Cth_2$	2
	Rth₁	3.714E-04 Ω				
	Rth ₂	7.331E-04 Ω		Г	$\begin{bmatrix} \bullet & \bullet \\ \bullet & \bullet \end{bmatrix}$	
	Rth ₃	8.493E-03 Ω			Rth3 🕇 Cth3	}
	Rth ₄	2.053E-02 Ω		L	╧╺	
	Rth ₅	6.988E-02 Ω				
	Rth ₆	2.879E-01 Ω				1
	Rth ₇	8.385E-02 Ω				ŀ
	Rth ₈	1.433E-03 Ω	((P)		
			·	\checkmark ,	$\neg \bullet \neg$	
					Rth5 📥 Cthe	5
				L	╧╺	
					$\int Rth_6 = Cth_6$	j
				Г		
					Rth7 📥 Cth7	,
				L	ᢆ∠	
					_	
Part:	BUK761R4-30E					
ata.	11/1/0010				$\int Rth 8 \stackrel{+}{=} Cth 8$	5
Date:	11/4/2013				└ ─ ╋──┘	
Model Rth	0.47 K/W			· • •	 t	
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