

Thermal RC network (Foster)

SPICE thermal model

BUK961R5-30E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.46	K/W
	Cth ₁	2.404E-04 F		\triangle	4	
	Cth ₂	1.735E-03 F			<u>tj</u>	
	Cth ₃	1.299E-03 F				
	Cth ₄	4.873E-03 F				
	Cth ₅	1.648E-02 F			Rth ₁ + Cth	1
	Cth ₆	2.996E-02 F				
	Cth ₇	6.007E-01 F			ς • Τ	
	Cth ₈	1.529E+02 F			Rth ₂ + Cth ₂	2
	Rth₁	3.714E-04 Ω				
	Rth ₂	7.331E-04 Ω		l r	<u> 「</u>	
	Rth ₃	8.493E-03 Ω			Rth3 = Cth	3
	Rth ₄	2.053E-02 Ω				
	Rth ₅	6.988E-02 Ω				
	Rth ₆	2.879E-01 Ω			Rth4 + Cth	4
	Rth ₇	8.385E-02 Ω			J 4 T 0(11/2	4
	Rth ₈	1.433E-03 Ω	((P)		
				\bigvee ,	「	
					Rth5 + Cth	5
					┖┿╜	
					Rth6 + Cth	2
				l l	J T	3
					-	
					Rth7 + Cth	7
Part:	BUK961R5-30E					
urt.	DONOU ING-SUL				Rth8 + Cth	R
Date:	11/4/2013					
Model Rth	0.47 K/W					
				Ţ	t _{amb}	
				V	001aal76	0