

Thermal RC network (Foster)

SPICE thermal model

BUK7613-60E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
₹ _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	1.56	K/W
	Cth ₁	4.740E-05 F		\triangle		
	Cth ₂	3.573E-04 F			<u>tj</u>	
	Cth ₃	2.573E-04 F				
	Cth ₄	9.872E-04 F			↑ _₽	
	Cth ₅	2.798E-03 F			_Rth₁ ‡Cth	1
	Cth ₆	7.463E-03 F				
	Cth ₇	2.715E-01 F			<u>_</u>	
	Cth ₈	3.781E+01 F			Rth ₂ + Cth ₂	,
				l l		-
	Rth ₁	1.715E-03 Ω				
	Rth ₂	3.454E-03 Ω			<u>ጎ</u> ነ	
	Rth ₃	3.886E-02 Ω			Rth3 + Cth	3
	Rth ₄	1.014E-01 Ω		<u> </u>	┸┿╜	
	Rth ₅	3.814E-01 Ω				
	Rth ₆	8.981E-01 Ω			Rth4 + Cth	4
	Rth ₇	1.681E-01 Ω				+
	Rth ₈	5.350E-03 Ω	((P)		
				\bigvee ,	5	
					Rth5 = Cthe	5
				'	┸ ┯ ┛	
					JRth ₆	3
					Rth7 + Cth	7
				l l	┸┻┛	•
Part:	BUK7613-60E				<u> </u>	
					Rth8 + Cth8	3
Date:	11/4/2013			'	T	
Model Rth	1.60 K/W			<u> </u>	•	
				\downarrow	t _{amb}	_
					001aal768	3