

Thermal RC network (Foster)

SPICE thermal model

BUK7K32-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.36	K/W
	Cth ₁	3.575E-05 F		夕	4.	
	Cth ₂	1.981E-04 F			<u>tj</u>	
	Cth ₃	2.706E-04 F				
	Cth ₄	1.210E-03 F			Rth ₁ + Cth ₁	
	Cth ₅	4.930E-03 F			J'``''' T ''''	
	Cth ₆	5.951E-03 F				
	Cth ₇	1.357E-01 F			5	
	Cth ₈	6.011E+01 F			Rth2 + Cth2	2
	Rth₁	2.533E-03 Ω				
	Rth ₂	5.928E-03 Ω			5	
	Rth ₃	3.577E-02 Ω			Rth3 = Cth	3
	Rth ₄	7.656E-02 Ω		'		
	Rth ₅	2.422E-01 Ω				
	Rth ₆	1.553E+00 Ω			Rth4 + Cth	
	Rth ₇	4.394E-01 Ω				•
	Rth ₈	3.829E-03 Ω	((P)		
				\bigvee $_{I}$	5	
					Rth5 + Cthe	5
				'	┸ ┯ ┙	
					Rth ₆ + Cth ₆	
)
					5	
					Rth7 = Cth7	7
				'		
Dort	DI 11/71/00 400E					
Part:	BUK7K32-100E				Rth8 + Cth8	•
Date:	20/3/2013				J'``''' T '''''	•
Sate. Rth	2.36 K/W	1		_		
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