

Thermal RC network (Foster)

SPICE thermal model

BUK9Y65-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	2.33	K/W
	Cth ₁	1.993E-05 F		∱ •		
	Cth ₂	1.264E-04 F			\neg	
	Cth ₃	1.426E-04 F				
	Cth ₄	1.161E-03 F		F	tth1 #Cth1	
	Cth ₅	1.319E-03 F		l H	. T	
	Cth ₆	6.312E-03 F				
	Cth ₇	5.338E-02 F			_	
				F	tth2 = Cth2	
				' ' ' ' ' ' '		
	Rth ₁	4.496E-03 Ω				
	Rth ₂	9.682E-03 Ω			tths 📥 Ctha	
	Rth ₃	6.029E-02 Ω		ļ Ļ		
	Rth ₄	9.643E-02 Ω		_	1	
	Rth ₅	5.255E-01 Ω		l f		
	Rth ₆	1.425E+00 Ω		F	kthu4 == Cthu4	
	Rth ₇	2.066E-01 Ω	(-	<u>,</u> Y	_•	
			(1	')		
					ths +Cths	
				l Ų.	7 50.5	
				_	1	
				l f		
				F	tithe = Cth6	
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				_		
				▎	thz \perp	
				ή.	tth7 = Cth7	
					╅	
Part:	BUK9Y65-100E					
Date:	25/1/2013					
Rth	2.33 K/W	I		<u> </u>		
				√ ten	nb	
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