

Thermal RC network (Foster)

SPICE thermal model

BUK7Y14-80E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	1.02	K/W
	Cth ₁	4.600E-05 F		ĵ t		
	Cth ₂	3.048E-04 F	1		\neg	
	Cth ₃	3.403E-04 F			-	
	Cth ₄	2.544E-03 F		R	th1 ‡Cth1	
	Cth ₅	4.385E-03 F		ᅵ	.	
	Cth ₆	1.298E-02 F				
	Cth ₇	1.537E-01 F		一		
				F	the #Cthe	
						
	Rth ₁	1.861E-03 Ω			*	
	Rth ₂	3.756E-03 Ω		R	th3 📥 Cth3	
	Rth ₃	2.584E-02 Ω		닏		
	Rth ₄	4.203E-02 Ω				
	Rth ₅	2.149E-01 Ω		一		
	Rth ₆	6.556E-01 Ω			th4 = Cth4	
	Rth ₇	7.773E-02 Ω	(F) L	-	
			<u></u>	フ		
				R	ths ±Cth5	
				닏		
				一		
				F	the #Cth6	
				_ ~~	-	
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				R	th7 📥 Cth7	
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				_	<u> </u>	
Part:	BUK7Y14-80E					
Date:	25/1/2013					
Rth	1.02 K/W	I	l	↓ t _{arr}		