

Thermal RC network (Foster)

SPICE thermal model

BUK7Y15-100E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	0.77	K/W
	Cth ₁	6.162E-05 F		4 6		
	Cth ₂	4.070E-04 F		<u> </u>	\neg	
	Cth ₃	4.396E-04 F				
	Cth ₄	3.634E-03 F			tth1 +Cth1	
	Cth ₅	6.243E-03 F		ļ Ļ	T 44	
	Cth ₆	1.557E-02 F		_	1	
	Cth ₇	1.939E-01 F		l f	_	
				F	ttn2 = Cth2	
				' ' ' ' ' ' ' '	-	
	Rth ₁	1.359E-03 Ω				
	Rth ₂	2.443E-03 Ω			tths 📥 Cth3	
	Rth ₃	1.954E-02 Ω		l $^{-}$		
	Rth ₄	2.996Ε-02 Ω		_	1	
	Rth ₅	1.383E-01 Ω		l 6		
	Rth ₆	5.185E-01 Ω		F	kth4 = Cth4	
	Rth ₇	6.149E-02 Ω		느 보		
			(F	' / -	_	
				\cap		
				∐"	iths = Cth5	
					+	
					 -	
					tithe # Cth6	
				닏		
				│ │ │ │ │	<u> </u>	
				•	tth7 = Cth7	
				"	-	
Part:	BUK7Y15-100E					
uit.	DOIN 110-100L					
Date:	25/1/2013					
Rth	0.77 K/W	I		,		
					nb	
				v		