

Thermal RC network (Foster)

SPICE thermal model

BUK9M52-40E

Symbol	Parameter	Conditions	Min	Тур	Max	Unit
R _{th(j-mb)}	thermal resistance from junction to mounting base		-	-	4.80	K/W
	Cth ₁	6.427E-06 F		\triangle		
	Cth ₂	7.431E-05 F			<u>tj</u>	
	Cth ₃	4.432E-05 F				
	Cth ₄	1.193E-03 F				
	Cth ₅	3.891E-04 F			」Rth1 十 Cth1	
	Cth ₆	4.302E-03 F				
	Cth ₇	2.916E-03 F				
	Cth ₈	1.758E+01 F			Rth ₂ + Cth ₂)
				L	<u></u>	,
	Rth ₁	6.908E-03 Ω				
	Rth ₂	1.926E-02 Ω] [ጎ	
	Rth ₃	1.262E-01 Ω			Rth3 + Cth3	}
	Rth ₄	9.094E-02 Ω				
	Rth ₅	1.997E+00 Ω				
	Rth ₆	2.197E+00 Ω			Rth4 + Cth4	l
	Rth ₇	3.449E-01 Ω			J 4 T 54	•
	Rth ₈	1.685E-02 Ω	((P)		
				\bigvee ,	<u> 「</u>	
					Rth5 + Cth5	,
				'	۲_	
					Rth ₆ + Cth ₆	
				[i
				r	5	
					Rth7 = Cth7	,
				'	ᆫ	
Part:	BUK9M52-40E				Tetho Louis	
5-4- .	0/0/0040				JRth8	3
Date:	3/3/2016					
Model Rth	4.80 K/W			_		
				\Diamond	^t amb <i>001aal768</i>	•
					00 i aai / 68	,