

Thermal RC network (Foster)

SPICE thermal model

BUK9M34-100E

cthermal resistance from junction to mounting base Cth ₁ Cth ₂ Cth ₃ Cth ₄ Cth ₅ Cth ₆ Cth ₇ Cth ₈	2.419E-05 F 2.167E-04 F 3.323E-04 F 2.213E-03 F 3.420E-03 F 6.196E-03 F 2.541E-02 F	-	Тур	1.89	K/W
Cth_2 Cth_3 Cth_4 Cth_5 Cth_6 Cth_7	2.167E-04 F 3.323E-04 F 2.213E-03 F 3.420E-03 F 6.196E-03 F 2.541E-02 F				
Cth_2 Cth_3 Cth_4 Cth_5 Cth_6 Cth_7	2.167E-04 F 3.323E-04 F 2.213E-03 F 3.420E-03 F 6.196E-03 F 2.541E-02 F				
Cth_3 Cth_4 Cth_5 Cth_6 Cth_7	3.323E-04 F 2.213E-03 F 3.420E-03 F 6.196E-03 F 2.541E-02 F				
Cth_4 Cth_5 Cth_6 Cth_7	2.213E-03 F 3.420E-03 F 6.196E-03 F 2.541E-02 F			Rth ₁ Cth ₁	
Cth ₅ Cth ₆ Cth ₇	3.420E-03 F 6.196E-03 F 2.541E-02 F			Rth ₁ Cth ₁	
Cth ₆	6.196E-03 F 2.541E-02 F				
Cth ₇	2.541E-02 F			_ -	
Cth ₈	4.000E+04.E		l r		
	4.000E+01 F			Rth ₂ + Cth ₂	
Rth ₁	2.335E-03 Ω				
Rth ₂	4.887E-03 Ω		l r	<u> </u>	
Rth ₃	2.084E-02 Ω			Rth3 = Cth3	
Rth ₄	4.805E-02 Ω			┖┿╜	
Rth ₅	3.344E-01 Ω				
Rth ₆	1.432E+00 Ω			Rtha LCtha	
Rth ₇	3.993E-02 Ω				
Rth ₈	7.333E-03 Ω	((P)		
			\bigvee ,	5	
				Rth5 = Cth5	
			'	┸ ┯ ┛	
				Rthe Lcthe	
			l l		
			l r		
				Rth7 = Cth7	
			'	ᆫ	
DLUZOMOA ACCE					
DUK91VI34-100E				Rthe LCtho	
3/3/2016					
1.00				t _{amh}	
			V		
	Rth_3 Rth_4 Rth_5 Rth_6 Rth_7	Rth ₃ 2.084E-02 Ω Rth ₄ 4.805E-02 Ω Rth ₅ 3.344E-01 Ω Rth ₆ 1.432E+00 Ω Rth ₇ 3.993E-02 Ω Rth ₈ 7.333E-03 Ω BUK9M34-100E	Rth ₃ 2.084E-02 Ω Rth ₄ 4.805E-02 Ω Rth ₅ 3.344E-01 Ω Rth ₆ 1.432E+00 Ω Rth ₇ 3.993E-02 Ω Rth ₈ 7.333E-03 Ω (Rth ₃ 2.084E-02 Ω Rth ₄ 4.805E-02 Ω Rth ₅ 3.344E-01 Ω Rth ₆ 1.432E+00 Ω Rth ₇ 3.993E-02 Ω Rth ₈ 7.333E-03 Ω P BUK9M34-100E 3/3/2016 1.89 K/W	Rth ₃ 2.084E-02 Ω Rth ₄ 4.805E-02 Ω Rth ₅ 3.344E-01 Ω Rth ₆ 1.432E+00 Ω Rth ₇ 3.993E-02 Ω Rth ₈ 7.333E-03 Ω P Rth ₇ Cth ₇ Rth ₈ Cth ₈ BUK9M34-100E