

SPICE thermal model

BUK9K52-60E

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	4.68	K/W

C_{th1}	1.267E-05 F
C_{th2}	6.746E-05 F
C_{th3}	9.693E-05 F
C_{th4}	4.239E-04 F
C_{th5}	1.921E-03 F
C_{th6}	2.081E-03 F
C_{th7}	7.455E-02 F
C_{th8}	4.773E+00 F
R_{th1}	7.020E-03 Ω
R_{th2}	1.675E-02 Ω
R_{th3}	1.023E-01 Ω
R_{th4}	2.229E-01 Ω
R_{th5}	6.814E-01 Ω
R_{th6}	3.349E+00 Ω
R_{th7}	2.648E-01 Ω
R_{th8}	3.995E-02 Ω



Part: BUK9K52-60E
 Date: 20/3/2013
 Rth 4.68 K/W