

## SPICE thermal model

BUK7613-60E

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	1.56	K/W

$C_{th1}$	4.740E-05 F
$C_{th2}$	3.573E-04 F
$C_{th3}$	2.573E-04 F
$C_{th4}$	9.872E-04 F
$C_{th5}$	2.798E-03 F
$C_{th6}$	7.463E-03 F
$C_{th7}$	2.715E-01 F
$C_{th8}$	3.781E+01 F
$R_{th1}$	1.715E-03 $\Omega$
$R_{th2}$	3.454E-03 $\Omega$
$R_{th3}$	3.886E-02 $\Omega$
$R_{th4}$	1.014E-01 $\Omega$
$R_{th5}$	3.814E-01 $\Omega$
$R_{th6}$	8.981E-01 $\Omega$
$R_{th7}$	1.681E-01 $\Omega$
$R_{th8}$	5.350E-03 $\Omega$



Part: BUK7613-60E  
 Date: 11/4/2013  
 Model Rth 1.60 K/W