Thermal RC network (Foster)

SPICE thermal model

BUK7Y4R4-40E

Symbol	Parameter	Conditions	Min	Typ	Max	Unit
$R_{th(j-mb)}$	thermal resistance from junction to mounting base		-	-	1.02	K/W

Cth_1	4.600E-05	F
Cth_2	3.048E-04	F
Cth_3	3.403E-04	F
Cth_4	2.544E-03	F
Cth_5	4.385E-03	F
Cth_6	1.298E-02	F
Cth_7	1.537E-01	F

Rth_1	1.861E-03	Ω
Rth_2	3.756E-03	Ω
Rth_3	2.584E-02	Ω
Rth_4	4.203E-02	Ω
Rth_5	2.149E-01	Ω
Rth_6	6.556E-01	Ω
Rth_7	7.773E-02	Ω

Part: BUK7Y4R4-40E

Date: 25/1/2013

Rth 1.02 K/W