



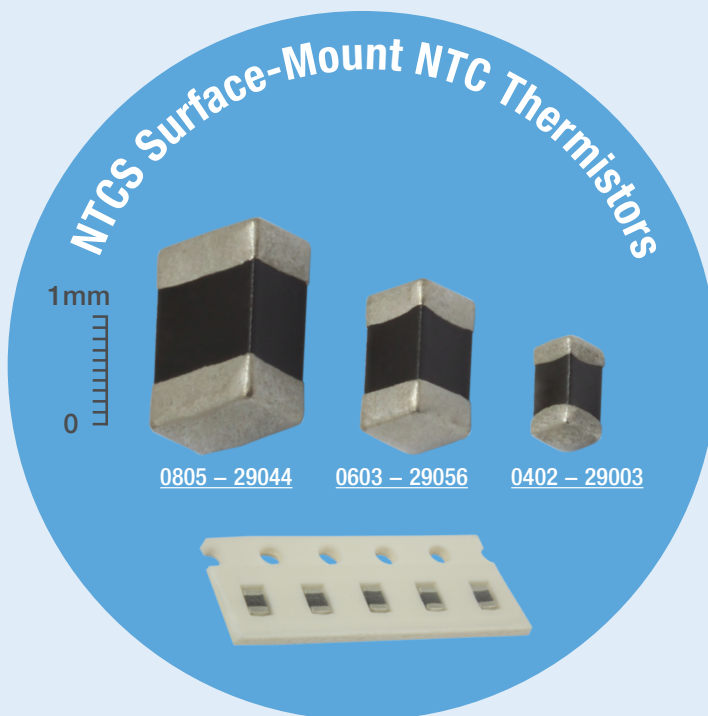
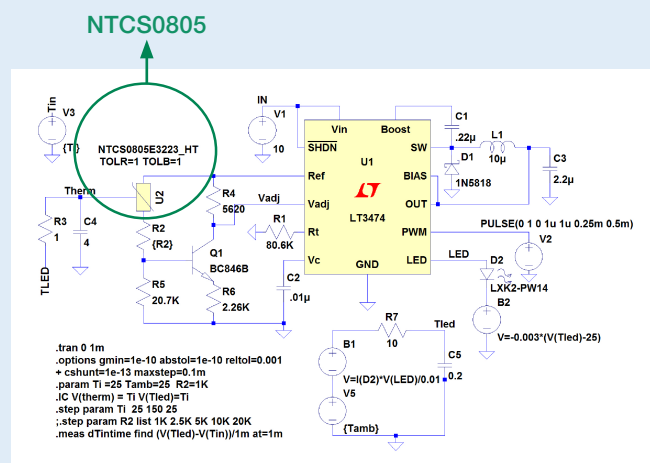
NTCS SURFACE-MOUNT NTC THERMISTORS

GLASS PROTECTED / NI BARRIER – SN TERMINATIONS

COMPLIANCE TO STANDARDS

- AEC-Q200 qualified
- Sustaining ESD air discharge: 25 kV (HBM)
- UL 1434 certified (File E148885)
- Sulfur-resistant to ASTM B809-95
- RoHS-compliant
- Whisker testing according to JESD 201 A
- Commercial grade —
non-automotive available:
NTCSC0402: 10 k Ω , 47 k Ω , and 100 k Ω , $\pm 1\%$

TEMPERATURE SENSING / CONTROL / PROTECTION



MULTIPLE DESIGN TOOLS AVAILABLE

- Resistance / temperature curve in
“My Vishay NTC Curve” (©Excel)
- Resistor / thermistor network
output computation (online)
- SPICE multi-simulator models
(Pspice / LTspice / TINA / Multisim
/ Altium / Simetrix / SaberRD...)

(VERY) STABLE IN CLIMATIC TESTING (OPERATIONAL LIFE)

APPLICATIONS

- LED overcurrent limitation
- Li-ion and Li-polymer over temperature detection
- Power modules (EV, HEV,...)
- Optoelectronics
- Car infotainment
- Medical equipment
- Non-automotive battery packs: NTCSC0402 series

Valid for NTCSC0603E3124SMT

