

# BZT52H series

## Voltage regulator diodes

Rev. 7 — 1 January 2023 Product data sheet

## 1. General description

General-purpose Zener diodes in an SOD123F small and flat lead Surface-Mounted Device (SMD) plastic package.

## 2. Features and benefits

- Total power dissipation: ≤ 830 mW
- Three tolerance series: ±1 %, ±2 % and approximately ±5 %
- Wide working voltage range: nominal 2.4 V to 75 V (E24 range)
- Small plastic package suitable for surface-mounted design

## 3. Applications

- General regulation functions

## 4. Quick reference data

**Table 1. Quick reference data**

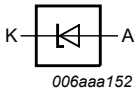
| Symbol | Parameter | Conditions | | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|---|
| $V_F$ | forward voltage | $I_F$ = 10 mA | [1] | - | - | 0.9 | V |
| $P_{tot}$ | total power dissipation | $T_{amb}$ ≤ 25 °C | [2] | - | - | 375 | mW |
| | | | [3] | - | - | 830 | mW |

[1] Pulse test: $t_p$ ≤ 300 µs; δ ≤ 0.02.
[2] Device mounted on an FR4 Printed-Circuit Board (PCB), single-sided copper, tin-plated and standard footprint.
[3] Device mounted on an FR4 PCB, single-sided copper, tin-plated, mounting pad for cathode 1 $cm^2$.

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# 5. Pinning information

**Table 2. Pinning**

| Pin | Symbol | Description | | Simplified outline | Graphic symbol |
|---|---|---|---|---|---|
| 1 | K | cathode | [1] |   |   |
| 2 | A | anode | | | |

[1] The marking bar indicates the cathode.

# 6. Ordering information

**Table 3. Ordering information**

| Type number | Package | | |
|---|---|---|---|
| | Name | Description | Version |
| BZT52H series[1] | - | plastic surface-mounted package; 2 leads | SOD123F |

[1] The series consists of 111 types with 37 breakdown voltages with nominal working voltages from 2.4 V to 75 V and ±1 %, ±2 % and ±5 % tolerances.


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# 7. Marking

**Table 4. Marking codes**

| Type number | Marking code | Type number | Marking code | Type number | Marking code |
|---|---|---|---|---|---|
| BZT52H-A2V4 | FT | BZT52H-B2V4 | DC | BZT52H-C2V4 | B3 |
| BZT52H-A2V7 | FU | BZT52H-B2V7 | DD | BZT52H-C2V7 | B4 |
| BZT52H-A3V0 | FV | BZT52H-B3V0 | DE | BZT52H-C3V0 | B5 |
| BZT52H-A3V3 | FW | BZT52H-B3V3 | DF | BZT52H-C3V3 | B6 |
| BZT52H-A3V6 | FX | BZT52H-B3V6 | DG | BZT52H-C3V6 | B7 |
| BZT52H-A3V9 | FY | BZT52H-B3V9 | DH | BZT52H-C3V9 | B8 |
| BZT52H-A4V3 | FZ | BZT52H-B4V3 | DJ | BZT52H-C4V3 | B9 |
| BZT52H-A4V7 | G1 | BZT52H-B4V7 | DK | BZT52H-C4V7 | BA |
| BZT52H-A5V1 | G2 | BZT52H-B5V1 | DL | BZT52H-C5V1 | BB |
| BZT52H-A5V6 | G3 | BZT52H-B5V6 | DM | BZT52H-C5V6 | BC |
| BZT52H-A6V2 | G4 | BZT52H-B6V2 | DN | BZT52H-C6V2 | BD |
| BZT52H-A6V8 | G5 | BZT52H-B6V8 | DP | BZT52H-C6V8 | BE |
| BZT52H-A7V5 | G6 | BZT52H-B7V5 | DQ | BZT52H-C7V5 | BF |
| BZT52H-A8V2 | G7 | BZT52H-B8V2 | DR | BZT52H-C8V2 | BG |
| BZT52H-A9V1 | G8 | BZT52H-B9V1 | DS | BZT52H-C9V1 | BH |
| BZT52H-A10 | G9 | BZT52H-B10 | DT | BZT52H-C10 | BJ |
| BZT52H-A11 | GA | BZT52H-B11 | DU | BZT52H-C11 | BK |
| BZT52H-A12 | GB | BZT52H-B12 | DV | BZT52H-C12 | BL |
| BZT52H-A13 | GC | BZT52H-B13 | DW | BZT52H-C13 | BM |
| BZT52H-A15 | GD | BZT52H-B15 | DX | BZT52H-C15 | BN |
| BZT52H-A16 | GE | BZT52H-B16 | DY | BZT52H-C16 | BP |
| BZT52H-A18 | GF | BZT52H-B18 | DZ | BZT52H-C18 | BQ |
| BZT52H-A20 | GG | BZT52H-B20 | E1 | BZT52H-C20 | BR |
| BZT52H-A22 | GH | BZT52H-B22 | E2 | BZT52H-C22 | BS |
| BZT52H-A24 | GJ | BZT52H-B24 | E3 | BZT52H-C24 | BT |
| BZT52H-A27 | GK | BZT52H-B27 | E4 | BZT52H-C27 | BU |
| BZT52H-A30 | GL | BZT52H-B30 | E5 | BZT52H-C30 | BV |
| BZT52H-A33 | GM | BZT52H-B33 | E6 | BZT52H-C33 | BW |
| BZT52H-A36 | GN | BZT52H-B36 | E7 | BZT52H-C36 | BX |
| BZT52H-A39 | GP | BZT52H-B39 | E8 | BZT52H-C39 | BY |
| BZT52H-A43 | GY | BZT52H-B43 | E9 | BZT52H-C43 | BZ |
| BZT52H-A47 | GR | BZT52H-B47 | EA | BZT52H-C47 | C1 |
| BZT52H-A51 | GS | BZT52H-B51 | EB | BZT52H-C51 | C2 |
| BZT52H-A56 | GT | BZT52H-B56 | EC | BZT52H-C56 | C3 |
| BZT52H-A62 | GU | BZT52H-B62 | ED | BZT52H-C62 | C4 |
| BZT52H-A68 | GV | BZT52H-B68 | EE | BZT52H-C68 | C5 |
| BZT52H-A75 | GW | BZT52H-B75 | EF | BZT52H-C75 | C6 |


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# 8. Limiting values

**Table 5. Limiting values**

*In accordance with the Absolute Maximum Rating System (IEC 60134).*

| Symbol | Parameter | Conditions | | Min | Max | Unit |
|---|---|---|---|---|---|---|
| $I_F$ | forward current | | | - | 250 | mA |
| $I_{ZSM}$ | non-repetitive peak reverse current | | [1] | - | see Tables 8, 9 and 10 | |
| $P_{ZSM}$ | non-repetitive peak reverse power dissipation | | [1] | - | 40 | W |
| $P_{tot}$ | total power dissipation | $T_{amb} \leq 25$ °C | [2] | - | 375 | mW |
| | | | [3] | - | 830 | mW |
| $T_j$ | junction temperature | | | - | 150 | °C |
| $T_{amb}$ | ambient temperature | | | -65 | +150 | °C |
| $T_{stg}$ | storage temperature | | | -65 | +150 | °C |

[1] $t_p$ = 100 µs; square wave; $T_j$ = 25 °C prior to surge.
[2] Device mounted on an FR4 PCB, single-sided copper, tin-plated and standard footprint.
[3] Device mounted on an FR4 PCB, single-sided copper, tin-plated, mounting pad for cathode 1 $cm^2$.

# 9. Thermal characteristics

**Table 6. Thermal characteristics**

| Symbol | Parameter | Conditions | | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|---|
| $R_{th(j-a)}$ | thermal resistance from junction to ambient | in free air | [1] | - | - | 330 | K/W |
| | | | [2] | - | - | 150 | K/W |
| $R_{th(j-sp)}$ | thermal resistance from junction to solder point | | [3] | - | - | 70 | K/W |

[1] Device mounted on an FR4 PCB, single-sided copper, tin-plated and standard footprint.
[2] Device mounted on an FR4 PCB, single-sided copper, tin-plated, mounting pad for cathode 1 $cm^2$.
[3] Soldering point of cathode tab.

# 10. Characteristics

**Table 7. Characteristics**

*$T_j$ = 25 °C unless otherwise specified.*

| Symbol | Parameter | Conditions | | Min | Typ | Max | Unit |
|---|---|---|---|---|---|---|---|
| $V_F$ | forward voltage | $I_F$ = 10 mA | [1] | - | - | 0.9 | V |

[1] Pulse test: $t_p \leq 300$ µs; $\delta \leq 0.02$.


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**Table 8. Characteristics per type; BZT52H-A2V4 to BZT52H-C24**

*$T_j$ = 25 °C unless otherwise specified.*

| BZT52H -xxx | Sel | Working voltage $V_Z$ (V) $I_Z$ = 5 mA | | Maximum differential resistance $r_{dif}$ (Ω) | | Reverse current $I_R$ (μA) | | Temperature coefficient $S_Z$ (mV/K) $I_Z$ = 5 mA | | Diode capacitance $C_d$ (pF) [1] | Non-repetitive peak reverse current $I_{ZSM}$ (A) [2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Min | Max | $I_Z$ = 1 mA | $I_Z$ = 5 mA | Max | $V_R$ (V) | Min | Max | Max | Max |
| 2V4 | A | 2.37 | 2.43 | 400 | 85 | 50 | 1 | -3.5 | 0.0 | 450 | 6.0 |
| | B | 2.35 | 2.45 | | | | | | | | |
| | C | 2.20 | 2.60 | | | | | | | | |
| 2V7 | A | 2.67 | 2.73 | 500 | 83 | 20 | 1 | -3.5 | 0.0 | 450 | 6.0 |
| | B | 2.65 | 2.75 | | | | | | | | |
| | C | 2.50 | 2.90 | | | | | | | | |
| 3V0 | A | 2.97 | 3.03 | 500 | 95 | 10 | 1 | -3.5 | 0.0 | 450 | 6.0 |
| | B | 2.94 | 3.06 | | | | | | | | |
| | C | 2.80 | 3.20 | | | | | | | | |
| 3V3 | A | 3.26 | 3.34 | 500 | 95 | 5 | 1 | -3.5 | 0.0 | 450 | 6.0 |
| | B | 3.23 | 3.37 | | | | | | | | |
| | C | 3.10 | 3.50 | | | | | | | | |
| 3V6 | A | 3.56 | 3.64 | 500 | 95 | 5 | 1 | -3.5 | 0.0 | 450 | 6.0 |
| | B | 3.53 | 3.67 | | | | | | | | |
| | C | 3.40 | 3.80 | | | | | | | | |
| 3V9 | A | 3.86 | 3.94 | 500 | 95 | 3 | 1 | -3.5 | 0.0 | 450 | 6.0 |
| | B | 3.82 | 3.98 | | | | | | | | |
| | C | 3.70 | 4.10 | | | | | | | | |
| 4V3 | A | 4.25 | 4.35 | 500 | 95 | 3 | 1 | -3.5 | 0.0 | 450 | 6.0 |
| | B | 4.21 | 4.39 | | | | | | | | |
| | C | 4.00 | 4.60 | | | | | | | | |
| 4V7 | A | 4.65 | 4.75 | 500 | 78 | 3 | 2 | -3.5 | 0.2 | 300 | 6.0 |
| | B | 4.61 | 4.79 | | | | | | | | |
| | C | 4.40 | 5.00 | | | | | | | | |
| 5V1 | A | 5.04 | 5.16 | 480 | 60 | 2 | 2 | -2.7 | 1.2 | 300 | 6.0 |
| | B | 5.00 | 5.20 | | | | | | | | |
| | C | 4.80 | 5.40 | | | | | | | | |
| 5V6 | A | 5.54 | 5.66 | 400 | 40 | 1 | 2 | -2.0 | 2.5 | 300 | 6.0 |
| | B | 5.49 | 5.71 | | | | | | | | |
| | C | 5.20 | 6.00 | | | | | | | | |
| 6V2 | A | 6.13 | 6.27 | 150 | 10 | 3 | 4 | 0.4 | 3.7 | 200 | 6.0 |
| | B | 6.08 | 6.32 | | | | | | | | |
| | C | 5.80 | 6.60 | | | | | | | | |
| 6V8 | A | 6.73 | 6.87 | 80 | 8 | 2 | 4 | 1.2 | 4.5 | 200 | 6.0 |
| | B | 6.66 | 6.94 | | | | | | | | |
| | C | 6.40 | 7.20 | | | | | | | | |
| 7V5 | A | 7.42 | 7.58 | 80 | 10 | 1 | 5 | 2.5 | 5.3 | 150 | 4.0 |
| | B | 7.35 | 7.65 | | | | | | | | |
| | C | 7.00 | 7.90 | | | | | | | | |


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| BZT52H -xxx | Sel | Working voltage $V_Z$ (V) $I_Z$ = 5 mA | | Maximum differential resistance $r_{dif}$ (Ω) | | Reverse current $I_R$ (μA) | | Temperature coefficient $S_Z$ (mV/K) $I_Z$ = 5 mA | | Diode capacitance $C_d$ (pF) [1] | Non-repetitive peak reverse current $I_{ZSM}$ (A) [2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Min | Max | $I_Z$ = 1 mA | $I_Z$ = 5 mA | Max | $V_R$ (V) | Min | Max | Max | Max |
| 8V2 | A | 8.11 | 8.29 | 80 | 10 | 0.7 | 5 | 3.2 | 6.2 | 150 | 4.0 |
| | B | 8.04 | 8.36 | | | | | | | | |
| | C | 7.70 | 8.70 | | | | | | | | |
| 9V1 | A | 9.00 | 9.20 | 100 | 10 | 0.5 | 6 | 3.8 | 7.0 | 150 | 3.0 |
| | B | 8.92 | 9.28 | | | | | | | | |
| | C | 8.50 | 9.60 | | | | | | | | |
| 10 | A | 9.90 | 10.10 | 70 | 10 | 0.2 | 7 | 4.5 | 8.0 | 90 | 3.0 |
| | B | 9.80 | 10.20 | | | | | | | | |
| | C | 9.40 | 10.60 | | | | | | | | |
| 11 | A | 10.89 | 11.11 | 70 | 10 | 0.1 | 8 | 5.4 | 9.0 | 85 | 2.5 |
| | B | 10.80 | 11.20 | | | | | | | | |
| | C | 10.40 | 11.60 | | | | | | | | |
| 12 | A | 11.88 | 12.12 | 90 | 10 | 0.1 | 8 | 6.0 | 10.0 | 85 | 2.5 |
| | B | 11.80 | 12.20 | | | | | | | | |
| | C | 11.40 | 12.70 | | | | | | | | |
| 13 | A | 12.87 | 13.13 | 110 | 10 | 0.1 | 8 | 7.0 | 11.0 | 80 | 2.5 |
| | B | 12.70 | 13.30 | | | | | | | | |
| | C | 12.40 | 14.10 | | | | | | | | |
| 15 | A | 14.85 | 15.15 | 110 | 15 | 0.05 | 10.5 | 9.2 | 13.0 | 75 | 2.0 |
| | B | 14.70 | 15.30 | | | | | | | | |
| | C | 13.80 | 15.60 | | | | | | | | |
| 16 | A | 15.84 | 16.16 | 170 | 20 | 0.05 | 11.2 | 10.4 | 14.0 | 75 | 1.5 |
| | B | 15.70 | 16.30 | | | | | | | | |
| | C | 15.30 | 17.10 | | | | | | | | |
| 18 | A | 17.82 | 18.18 | 170 | 20 | 0.05 | 12.6 | 12.4 | 16.0 | 70 | 1.5 |
| | B | 17.60 | 18.40 | | | | | | | | |
| | C | 16.80 | 19.10 | | | | | | | | |
| 20 | A | 19.80 | 20.20 | 220 | 20 | 0.05 | 14 | 14.4 | 18.0 | 60 | 1.5 |
| | B | 19.60 | 20.40 | | | | | | | | |
| | C | 18.80 | 21.20 | | | | | | | | |
| 22 | A | 21.78 | 22.22 | 220 | 25 | 0.05 | 15.4 | 16.4 | 20.0 | 60 | 1.25 |
| | B | 21.60 | 22.40 | | | | | | | | |
| | C | 20.80 | 23.30 | | | | | | | | |
| 24 | A | 23.76 | 24.24 | 220 | 30 | 0.05 | 16.8 | 18.4 | 22.0 | 55 | 1.25 |
| | B | 23.50 | 24.50 | | | | | | | | |
| | C | 22.80 | 25.60 | | | | | | | | |

[1] f = 1 MHz; $V_R$ = 0 V
[2] $t_p$ = 100 μs; $T_{amb}$ = 25 °C


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**Table 9. Characteristics per type; BZT52H-A27 to BZT52H-C51**

*$T_j$ = 25 °C unless otherwise specified.*

| BZT52H -xxx | Sel | Working voltage $V_Z$ (V) $I_Z$ = 2 mA | | Maximum differential resistance $r_{dif}$ (Ω) | | Reverse current $I_R$ (μA) | | Temperature coefficient $S_Z$ (mV/K) $I_Z$ = 2 mA | | Diode capacitance $C_d$ (pF) [1] | Non-repetitive peak reverse current $I_{ZSM}$ (A) [2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Min | Max | $I_Z$ = 1 mA | $I_Z$ = 5 mA | Max | $V_R$ (V) | Min | Max | Max | Max |
| 27 | A | 26.73 | 27.27 | 250 | 40 | 0.05 | 18.9 | 21.4 | 25.3 | 50 | 1.0 |
| | B | 26.50 | 27.50 | | | | | | | | |
| | C | 25.10 | 28.90 | | | | | | | | |
| 30 | A | 29.70 | 30.30 | 250 | 40 | 0.05 | 21 | 24.4 | 29.4 | 50 | 1.0 |
| | B | 29.40 | 30.60 | | | | | | | | |
| | C | 28.00 | 32.00 | | | | | | | | |
| 33 | A | 32.67 | 33.33 | 250 | 40 | 0.05 | 23.1 | 27.4 | 33.4 | 45 | 0.9 |
| | B | 32.30 | 33.70 | | | | | | | | |
| | C | 31.00 | 35.00 | | | | | | | | |
| 36 | A | 35.64 | 36.36 | 250 | 60 | 0.05 | 25.2 | 30.4 | 37.4 | 45 | 0.8 |
| | B | 35.30 | 36.70 | | | | | | | | |
| | C | 34.00 | 38.00 | | | | | | | | |
| 39 | A | 38.61 | 39.39 | 300 | 75 | 0.05 | 27.3 | 33.4 | 41.2 | 45 | 0.7 |
| | B | 38.20 | 39.80 | | | | | | | | |
| | C | 37.00 | 41.00 | | | | | | | | |
| 43 | A | 42.57 | 43.43 | 325 | 80 | 0.05 | 30.1 | 37.6 | 46.6 | 40 | 0.6 |
| | B | 42.10 | 43.90 | | | | | | | | |
| | C | 40.00 | 46.00 | | | | | | | | |
| 47 | A | 46.53 | 47.47 | 325 | 90 | 0.05 | 32.9 | 42.0 | 51.8 | 40 | 0.5 |
| | B | 46.10 | 47.90 | | | | | | | | |
| | C | 44.00 | 50.00 | | | | | | | | |
| 51 | A | 50.49 | 51.51 | 350 | 100 | 0.05 | 35.7 | 46.6 | 57.2 | 40 | 0.4 |
| | B | 50.00 | 52.00 | | | | | | | | |
| | C | 48.00 | 54.00 | | | | | | | | |

[1] f = 1 MHz; $V_R$ = 0 V
[2] $t_p$ = 100 μs; $T_{amb}$ = 25 °C.


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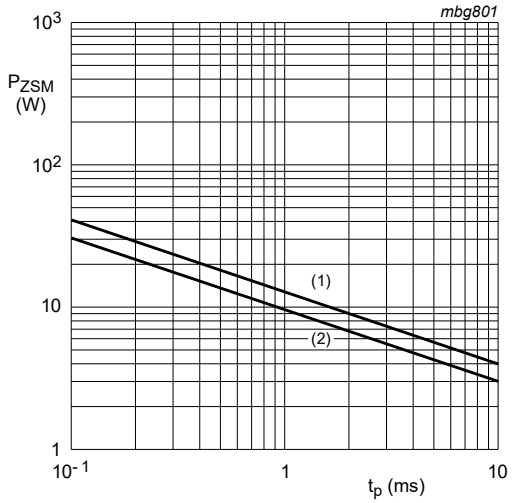
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**Table 10. Characteristics per type; BZT52H-A56 to BZT52H-C75**

*$T_j$ = 25 °C unless otherwise specified.*

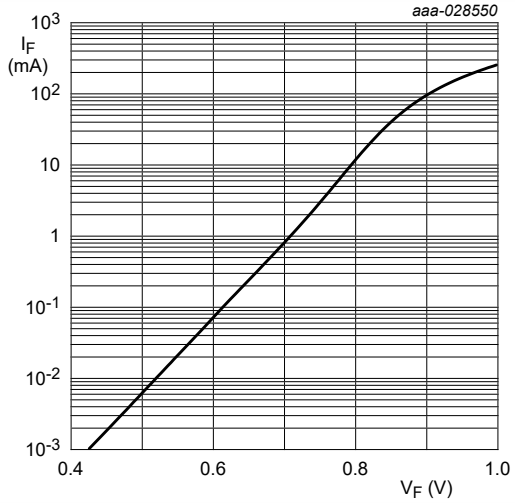
| BZT52H -xxx | Sel | Working voltage $V_Z$ (V) $I_Z$ = 2 mA | | Maximum differential resistance $r_{dif}$ (Ω) | | Reverse current $I_R$ (μA) | | Temperature coefficient $S_Z$ (mV/K) $I_Z$ = 2 mA | | Diode capacitance $C_d$ (pF) [1] | Non-repetitive peak reverse current $I_{ZSM}$ (A) [2] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Min | Max | $I_Z$ = 0.5 mA | $I_Z$ = 2 mA | Max | $V_R$ (V) | Min | Max | Max | Max |
| 56 | A | 55.44 | 56.56 | 375 | 120 | 0.05 | 39.2 | 52.2 | 63.8 | 40 | 0.3 |
| | B | 54.90 | 57.10 | | | | | | | | |
| | C | 52.00 | 60.00 | | | | | | | | |
| 62 | A | 61.38 | 62.62 | 400 | 140 | 0.05 | 43.4 | 58.8 | 71.6 | 35 | 0.3 |
| | B | 60.80 | 63.20 | | | | | | | | |
| | C | 58.00 | 66.00 | | | | | | | | |
| 68 | A | 67.32 | 68.68 | 400 | 160 | 0.05 | 47.6 | 65.6 | 79.8 | 35 | 0.25 |
| | B | 66.60 | 69.40 | | | | | | | | |
| | C | 64.00 | 72.00 | | | | | | | | |
| 75 | A | 74.25 | 75.75 | 400 | 175 | 0.05 | 52.5 | 73.4 | 88.6 | 35 | 0.20 |
| | B | 73.50 | 76.50 | | | | | | | | |
| | C | 70.00 | 79.00 | | | | | | | | |

[1] f = 1 MHz; $V_R$ = 0 V
[2] $t_p$ = 100 μs; $T_{amb}$ = 25 °C.




(1) $T_j$ = 25 °C (before surge)
(2) $T_j$ = 150 °C (before surge)

**Fig. 1. Non-repetitive peak reverse power dissipation as a function of pulse duration; maximum values**

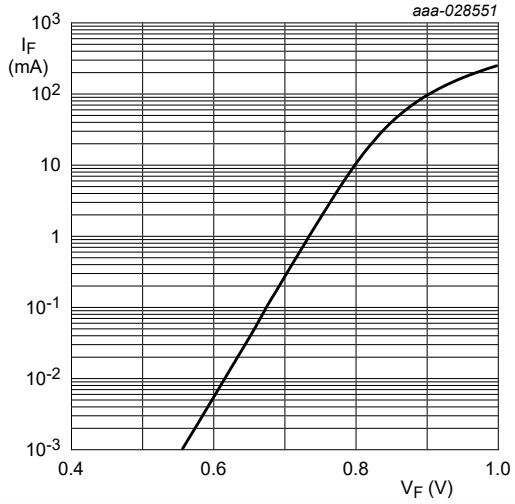



$T_j$ = 25 °C

**Fig. 2. Forward current as a function of forward voltage; typical values (BZT52H-A/B/C2V4)**

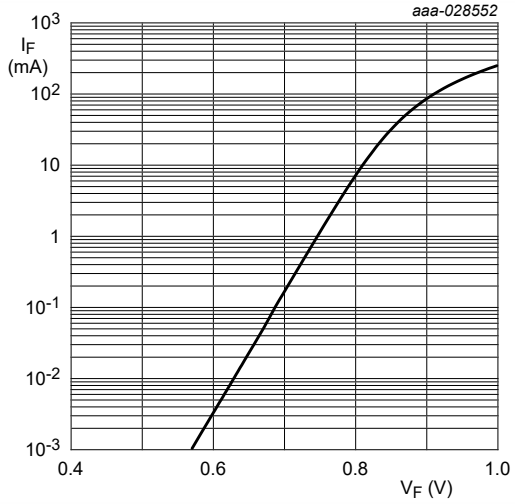

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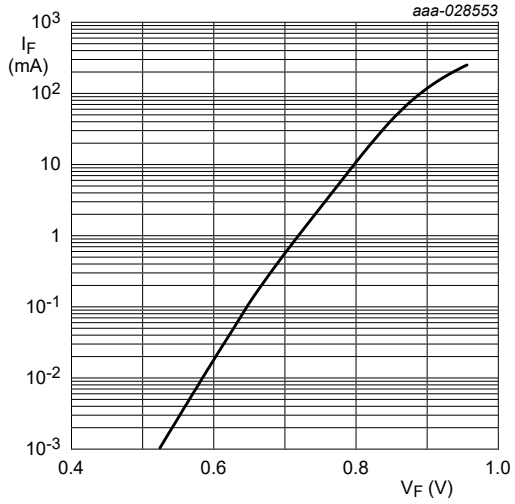

$T_j$ = 25 °C

**Fig. 3. Forward current as a function of forward voltage; typical values (BZT52H-A/B/C6V8)**



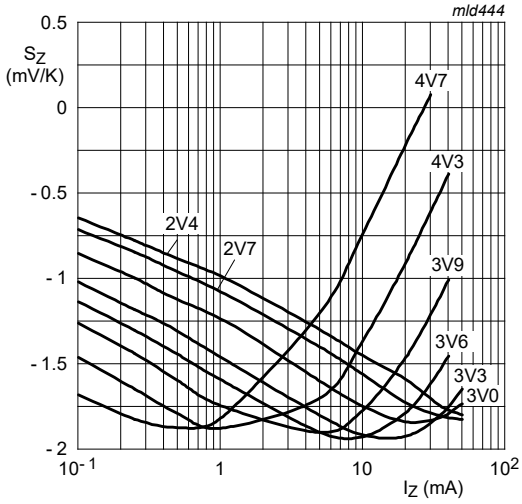

$T_j$ = 25 °C

**Fig. 4. Forward current as a function of forward voltage; typical values (BZT52H-A/B/C7V5)**




$T_j$ = 25 °C

**Fig. 5. Forward current as a function of forward voltage; typical values (BZT52H-A/B/C75)**

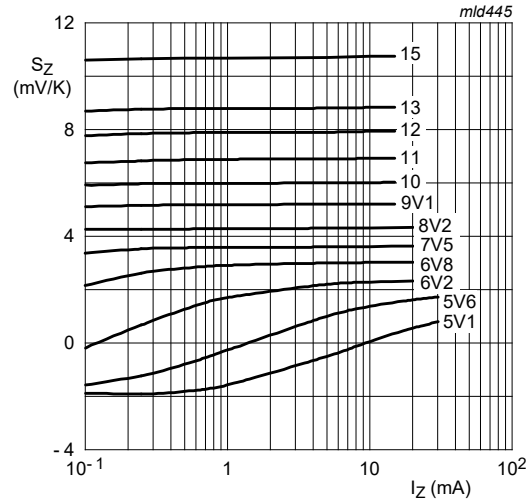



$T_j$ = 25 °C to 150 °C

**Fig. 6. Temperature coefficient as a function of working current; typical values (BZT52H-A/B/C2V4 to BZT52H-A/B/C4V7)**

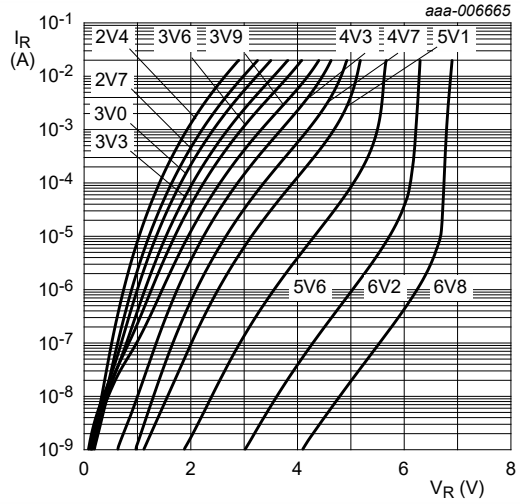

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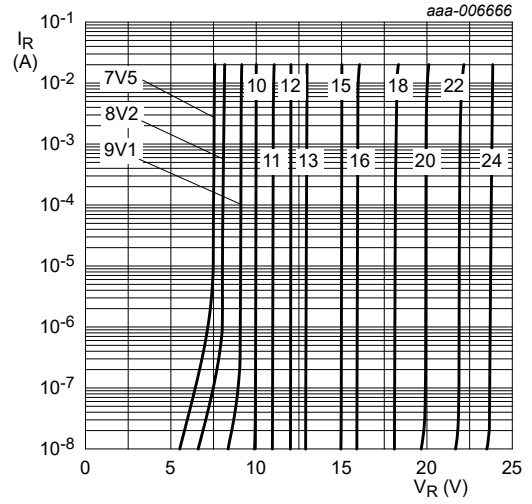

$T_j$ = 25 °C to 150 °C

**Fig. 7. Temperature coefficient as a function of working current; typical values (BZT52H-A/B/C5V1 to BZT52H-A/B/C15)**



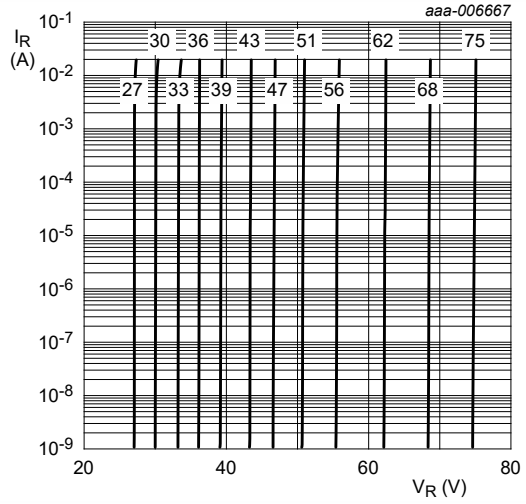

$T_j$ = 25 °C

**Fig. 8. Reverse current as a function of reverse voltage; typical values (BZT52H-A/B/C2V4 to BZT52H-A/B/C6V8)**




$T_j$ = 25 °C

**Fig. 9. Reverse current as a function of reverse voltage; typical values (BZT52H-A/B/C7V5 to BZT52H-A/B/C24)**




$T_j$ = 25 °C

**Fig. 10. Reverse current as a function of reverse voltage; typical values (BZT52H-A/B/C27 to BZT52H-A/B/C75)**


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## 11. Package outline

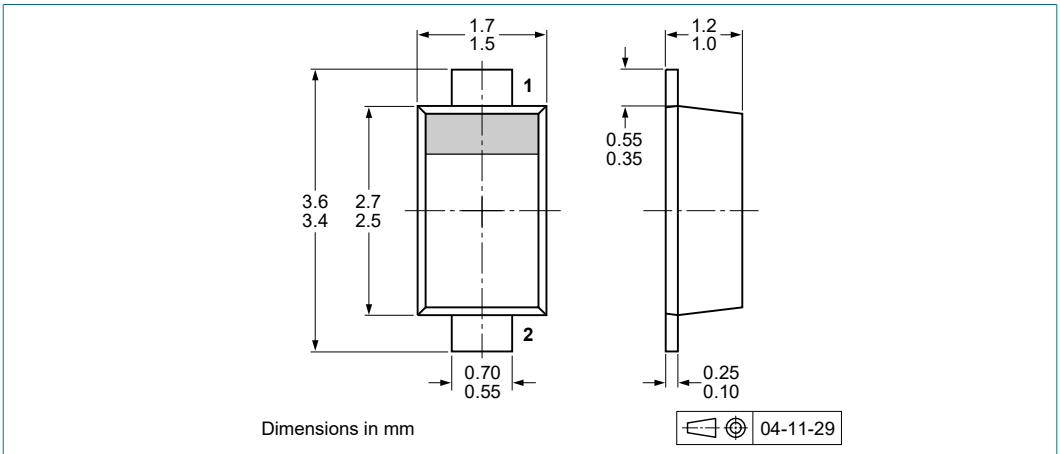
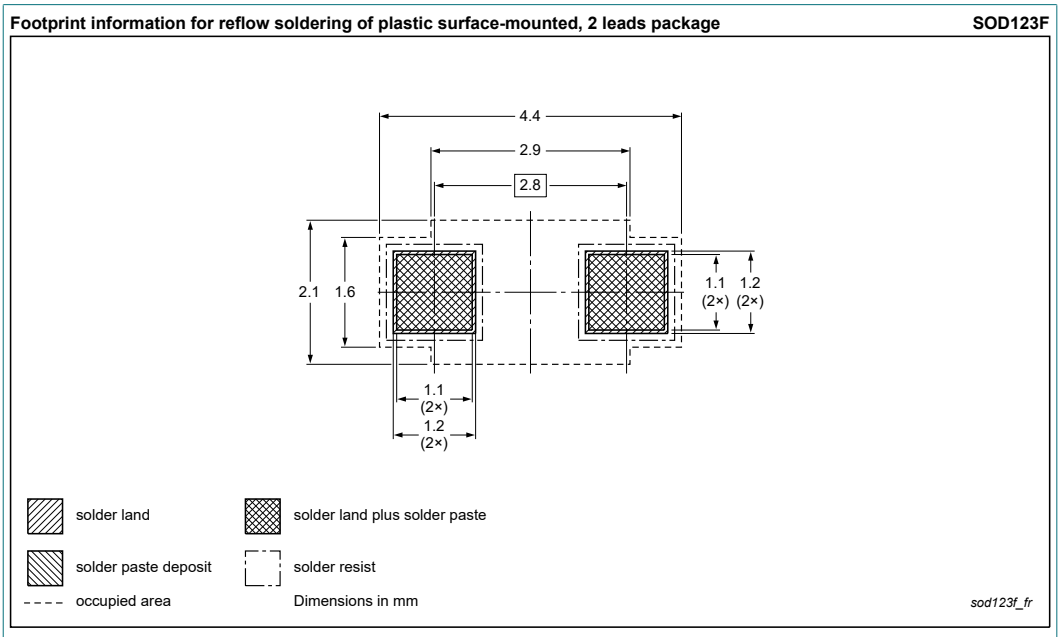



**Fig. 11. Package outline SOD123F**

## 12. Soldering




Reflow soldering is the only recommended soldering method.

**Fig. 12. Reflow soldering footprint SOD123F**


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## 13. Revision history

**Table 11. Revision history**

| Document ID | Release date | Data sheet status | Change notice | Supersedes |
|---|---|---|---|---|
| BZT52H_SER v.7 | 20230101 | Product data sheet | - | BZT52H_SER v.6 |
| Modifications: | • BZT52H-A selections added<br>• Products changed to non-automotive qualification. Please refer to nexperia.com for automotive (-Q) product alternatives. | | | |
| BZT52H_SER v.6 | 20220207 | Product data sheet | - | BZT52H_SER v.5 |
| BZT52H_SER v.5 | 20201130 | Product data sheet | - | BZT52H_SER v.4 |
| BZT52H_SER v.4 | 20190121 | Product data sheet | - | BZT52H_SER v.3 |
| BZT52H_SER v.3 | 20091115 | Product data sheet | - | BZT52H_SER v.2 |
| BZT52H_SER v.2 | 20091115 | Product data sheet | - | BZT52H_SER v.1 |
| BZT52H_SER v.1 | 20051222 | Product data sheet | - | - |


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# 14. Legal information

## Data sheet status

| Document status [1][2] | Product status [3] | Definition |
|---|---|---|
| Objective [short] data sheet | Development | This document contains data from the objective specification for product development. |
| Preliminary [short] data sheet | Qualification | This document contains data from the preliminary specification. |
| Product [short] data sheet | Production | This document contains the product specification. |

[1] Please consult the most recently issued document before initiating or completing a design.
[2] The term 'short data sheet' is explained in section "Definitions".
[3] The product status of device(s) described in this document may have changed since this document was published and may differ in case of multiple devices. The latest product status information is available on the internet at https://www.nexperia.com.

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