

■ General Description

The AME6602 is an integrated power switch for self-powered and bus-powered Universal Serial Bus (USB) application. The AME6602 has several protections features such as current limiting and thermal shutdown to prevent catastrophic switch failure caused by increasing power dissipation when continuous heavy loads or short circuit occurs. A built-in P-channel MOSFET used for power MOS has superior Ron and easy control characteristics. The output reverse-current protection turns off the MOSFET switch whenever occurs the unexpected continuously reverse current. $\overline{\text{FLAG}}$ pin is an open-drain output report overcurrent or over-temperature event and has typical 8ms deglitch timeout period. AME6602 is available in SOT-25, TSOT-25A, TSOT-26A, MSOP-8 & DFN-6D(2x2x0.75mm) packages.

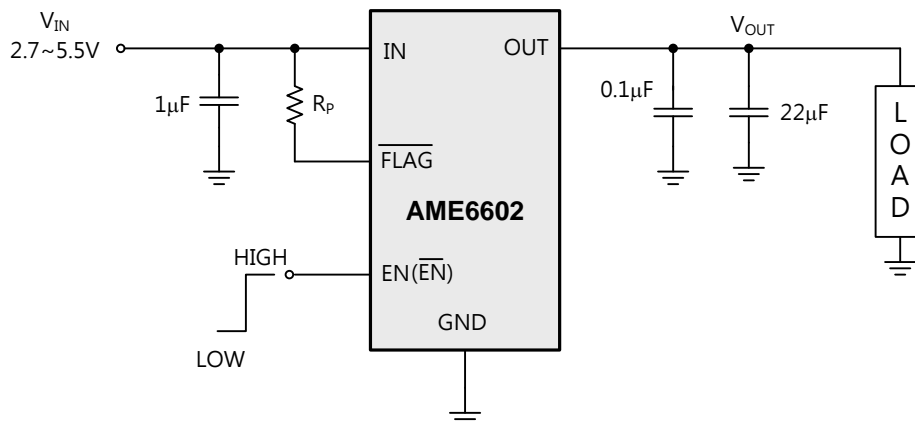
■ Features

- Operating Range: 2.7V to 5.5V
- 75mΩ(Typ.) High-Side MOSFET
- Constant Current during Over-Current and Current Limit with Fold-Back are Available
- Active High or Active Low Version is Available
- 1.4ms Rise Time at $V_{\text{IN}} = 3.3\text{V}$ Condition
- Fast Short-Circuit Response: 1.5μS(Typ.)
- Under Voltage Lockout, Over-Current, Output-Voltage and Thermal Protection
- Deglitched Open-Drain Flag Output ($\overline{\text{FLAG}}$)
- RoHS, Halogen Free and TSCA Compliance
- UL Certification-File No. E529690

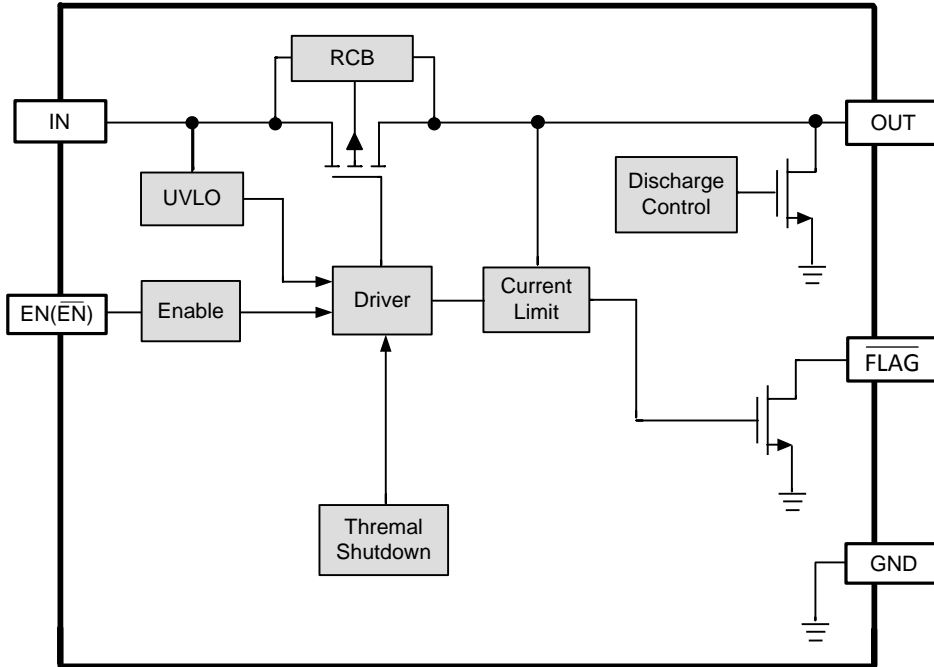
■ Application

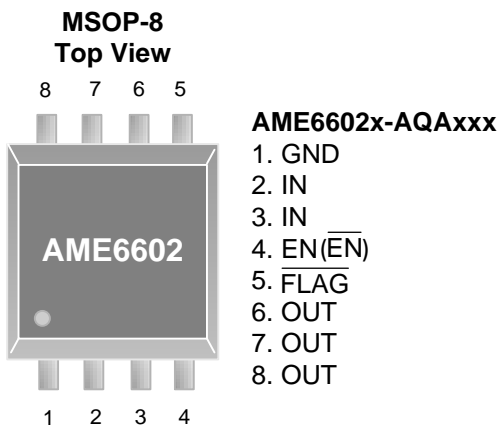
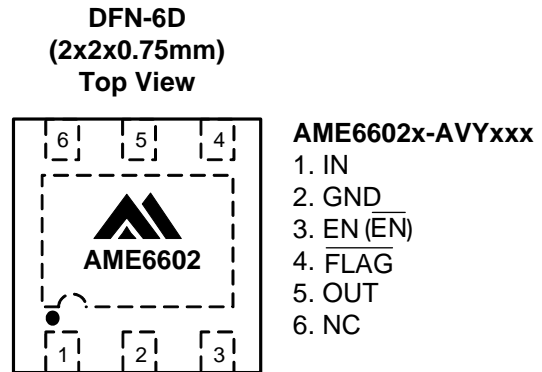
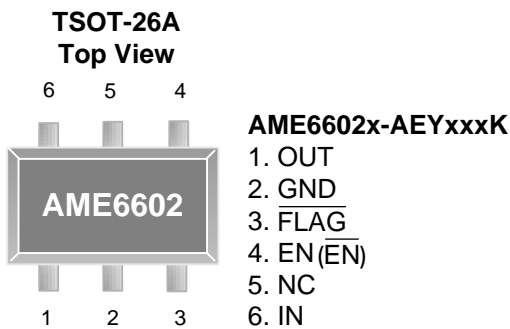
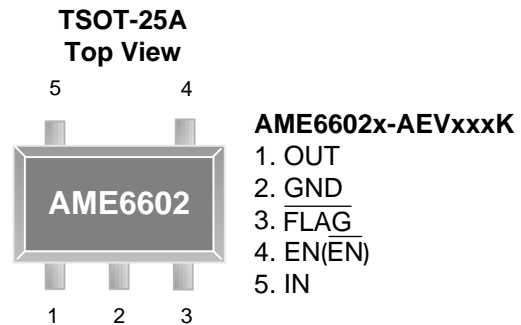
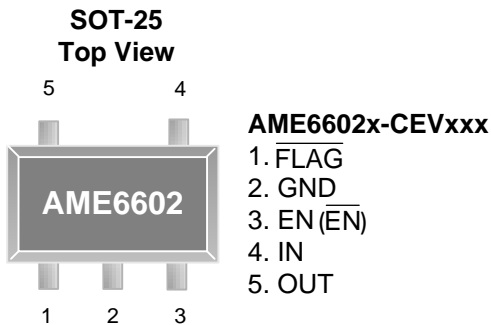
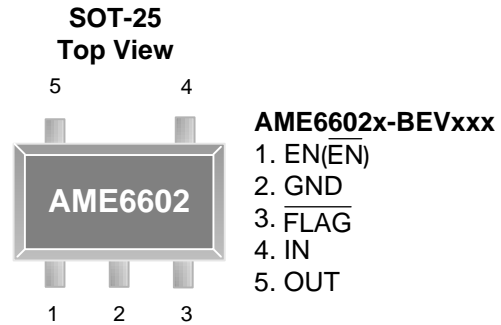
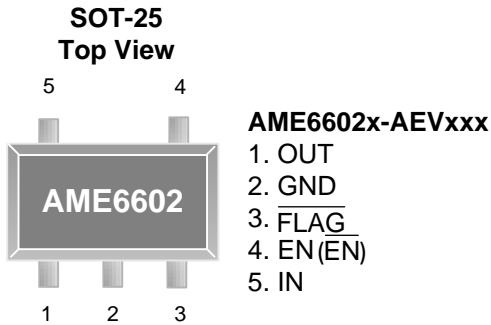
- Laptops, Desktops, AIO
- Set-Top Boxes
- LCD TVs & Monitors
- Residential Gateways
- e-Readers, Printers, Hubs
- Docking, HUB

■ Typical Application Schematic



■ Function Block Diagram

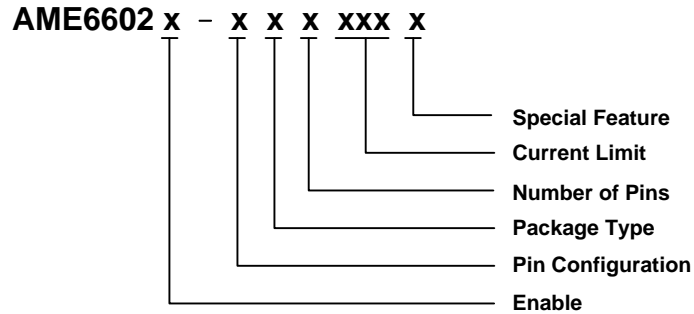


■ Pin Configuration


■ Pin Description

| Pin Name | I/O | Description | Pin Number | | | |
|--------------------------|-----|---|------------|---|---|----------|
| | | | SOT-25 | | | TSOT-25A |
| | | | A | B | C | A |
| IN | I | Input Voltage; Place a 1 μ F or greater ceramic capacitor from IN to GND as close as possible to the IC. | 5 | 4 | 4 | 5 |
| GND | NA | Ground connection. | 2 | 2 | 2 | 2 |
| OUT | O | Power-switch output. | 1 | 5 | 5 | 1 |
| EN | I | Enable input; logic high turns on power switch. | 4 | 1 | 3 | 4 |
| $\overline{\text{EN}}$ | I | Enable input; logic low turns on power switch. | 4 | 1 | 3 | 4 |
| $\overline{\text{FLAG}}$ | O | Active-low open-drain output, asserted during over current, over temperature or reverse voltage conditions. Connect a 10k Ω or greater resistor pull-up, otherwise floating. | 3 | 3 | 1 | 3 |

| Pin Name | I/O | Description | Pin Number | | |
|--------------------------|-----|---|------------|--------|---------|
| | | | TSOT-26A | DFN-6D | MSOP8 |
| | | | A | A | A |
| IN | I | Input Voltage; Place a 1 μ F or greater ceramic capacitor from IN to GND as close as possible to the IC. | 6 | 1 | 2, 3 |
| GND | NA | Ground connection. | 2 | 2 | 1 |
| OUT | O | Power-switch output. | 1 | 5 | 6, 7, 8 |
| EN | I | Enable input; logic high turns on power switch. | 4 | 3 | 4 |
| $\overline{\text{EN}}$ | I | Enable input; logic low turns on power switch. | 4 | 3 | 4 |
| $\overline{\text{FLAG}}$ | O | Active-low open-drain output, asserted during over current, over temperature or reverse voltage conditions. Connect a 10k Ω or greater resistor pull-up, otherwise floating. | 3 | 4 | 5 |
| NC | NA | No Connection | 5 | 6 | NA |

■ Ordering Information


| Enable | Pin Configuration | Package Type | Number of Pins | Current Limit | Special Feature |
|---|---|--------------------------------|----------------------|-------------------------------------|---|
| AME6602A EN Pin: Active High AME6602B EN Pin: Active Low | A <small>(SOT-25)</small> 1. OUT 2. <u>GND</u> <small>(TSOT-25A)</small> 3. <u>FLAG</u> 4. EN(<u>EN</u>) 5. IN B <small>(SOT-25)</small> 1. EN(<u>EN</u>) 2. <u>GND</u> 3. <u>FLAG</u> 4. IN 5. OUT C <small>(SOT-25)</small> 1. <u>FLAG</u> 2. <u>GND</u> 3. EN(<u>EN</u>) 4. IN 5. OUT A <small>(TSOT-26A)</small> 1. OUT 2. <u>GND</u> 3. <u>FLAG</u> 4. EN(<u>EN</u>) 5. NC 6. IN A <small>(DFN-6D)</small> 1. IN 2. <u>GND</u> 3. EN(<u>EN</u>) 4. <u>FLAG</u> 5. OUT 6. NC A <small>(MSOP-8)</small> 1. GND 2. IN 3. IN 4. EN(<u>EN</u>) 5. <u>FLAG</u> 6. OUT 7. OUT 8. OUT | E: SOT-2X Q: MSOP V: DFN | V: 5 Y: 6 A: 8 | 100: 1.0A 150: 1.5A 200: 2.0A | Blank: For non-TSOT-2XA K: 0.9mm max height (for TSOT-2XA Only) |

■ Absolute Maximum Ratings

| Parameter | | Value | Unit |
|----------------------------------|---------------------------------|-------------|------|
| Input Voltage | | -0.3 to 6 | V |
| Enable Voltage | | -0.3 to 6 | V |
| Output Voltage | | -0.3 to 6 | V |
| $\overline{\text{FLAG}}$ Voltage | | -0.3 to 6 | V |
| ESD Ratings | HBM | ± 4000 | V |
| | MM | ± 200 | V |
| | CDM | ± 1000 | V |
| | IEC 61000-4-2 Contact Discharge | ± 8000 | V |
| | IEC 61000-4-2 Air-gap Discharge | ± 15000 | V |

■ Recommended Operation Conditions

| Parameter | Symbol | Rating | Unit |
|----------------------------|------------------|-------------|------|
| Input Voltage | V_{IN} | 2.7 to 5.5 | V |
| Ambient Temperature Range | T_{A} | -40 to +85 | °C |
| Junction Temperature Range | T_{J} | -40 to +125 | |
| Storage Temperature | T_{STG} | -60 to +150 | |

| Part Number | Continuous Load Current | Typical Current Limit |
|------------------|-------------------------|-----------------------|
| AME6602x-xxx100x | 0.5A | 1A |
| AME6602x-xxx150x | 1A | 1.5A |
| AME6602x-xxx200x | 1.5A | 2A |

■ Thermal Information

| Parameter | Package | Die Attach | Symbol | Maximum | Unit |
|---|----------|------------------|---------------|---------|--------|
| Thermal Resistance* (Junction to Case) | SOT-25 | Conductive Epoxy | θ_{JC} | 81 | °C / W |
| | TSOT-25A | | | 81 | |
| | TSOT-26A | | | 81 | |
| | DFN-6D | | | 16 | |
| | MSOP-8 | | | 80 | |
| Thermal Resistance (Junction to Ambient) | SOT-25 | Conductive Epoxy | θ_{JA} | 260 | °C / W |
| | TSOT-25A | | | 260 | |
| | TSOT-26A | | | 260 | |
| | DFN-6D | | | 66 | |
| | MSOP-8 | | | 206 | |
| Internal Power Dissipation | SOT-25 | Conductive Epoxy | P_D | 400 | mW |
| | TSOT-25A | | | 400 | |
| | TSOT-26A | | | 400 | |
| | DFN-6D | | | 1515 | |
| | MSOP-8 | | | 625 | |
| Lead Temperature (soldering 10 sec)** | | | | 300 | °C |

* Measure θ_{jc} on top of package.

** MIL-STD-202G 210F

■ Electrical Specifications
 $V_{IN} = 5V$, $C_{IN} = 1\mu F$, $C_{OUT} = 22\mu F$, $R_L = 10\Omega$, $T_A = 25^\circ C$, unless otherwise specified.

| Parameter | Symbol | Test Condition | Min | Typ | Max | Units | |
|---|--------------|--|------------------|-------|-------|------------|---|
| Input Voltage | V_{IN} | | 2.7 | | 5.5 | V | |
| Quiescent Current | I_Q | $V_{IN} = 5V$, Enabled, OUT = Open | | 70 | 100 | μA | |
| Shutdown Current | I_{SHDN} | $V_{IN} = 5.5V$, Disabled | | 0.5 | 1 | μA | |
| Input UVLO | V_{UVLO} | V_{IN} Rising | 2 | 2.4 | 2.6 | V | |
| Switch On-Resistance | $R_{DS(ON)}$ | $V_{IN} = 5.0V$ | | 75 | 85 | m Ω | |
| Current Limit | I_{LIM} | $V_{IN} = 5V$, $V_{OUT} = 4.5V$ | AME6602x-xxx100x | 0.85 | 1 | 1.15 | A |
| | | | AME6602x-xxx150x | 1.275 | 1.5 | 1.725 | |
| | | | AME6602x-xxx200x | 1.7 | 2 | 2.3 | |
| Short-Circuit Current Limit | I_{Short} | OUT Connected to GND | AME6602x-xxx100x | | 0.25 | | A |
| | | | AME6602x-xxx150x | | 0.375 | | |
| | | | AME6602x-xxx200x | | 0.5 | | |
| EN Input Threshold -High | V_{IH} | $V_{IN} = 2.7V$ to $5.5V$ | 1.2 | | | V | |
| EN Input Threshold -Low | V_{IL} | $V_{IN} = 2.7V$ to $5.5V$ | | | 0.6 | | |
| Output Turn-On Rise Time | t_R | $V_{IN} = 5V$, $C_L = 1\mu F$, $R_{LOAD} = 100\Omega$ | 1.5 | 1.9 | 3 | ms | |
| | | $V_{IN} = 3.3V$, $C_L = 1\mu F$, $R_{LOAD} = 100\Omega$ | 1 | 1.4 | 2 | | |
| \overline{FLAG} Blanking Time | t_{Blank} | Assertion due to overcurrent and over-temperature condition | 5.5 | 8 | 12 | ms | |
| Response Time to Short Current | t_{IOS} | $V_{IN} = 5V$ | | 1.5 | | μs | |
| Reverse Current Limit | I_{ROCP} | $V_{OUT} - V_{IN} = 150mV$ | | 0.4 | | A | |
| Time from Reverse-Voltage Condition to MOSFET Turn Off | t_{TRIG} | $V_{IN} = 5V$ | 5.5 | 8 | 12 | ms | |
| Output Discharge Resistance | R_{DSG} | $V_{IN} = 5V$, Disabled, $I_{OUT} = 1mA$ | | 150 | 235 | Ω | |
| Thermal Shutdown Threshold | T_{SHDN} | Enabled | | 145 | | $^\circ C$ | |
| Thermal Shutdown Hysteresis | T_{HYS} | | | 25 | | $^\circ C$ | |

■ Application Information

Supply Filtering

A 1 μ F bypass capacitor from IN to GND, placed near the AME6602, is strongly recommended to control supply transients. Without a bypass capacitor, an output short may cause sufficient ringing on the input (from supply lead inductance) to damage internal control circuitry. Input transients must not exceed the absolute maximum supply voltage ($V_{IN\ max} = 6V$) even for a short duration.

ON and OFF Control

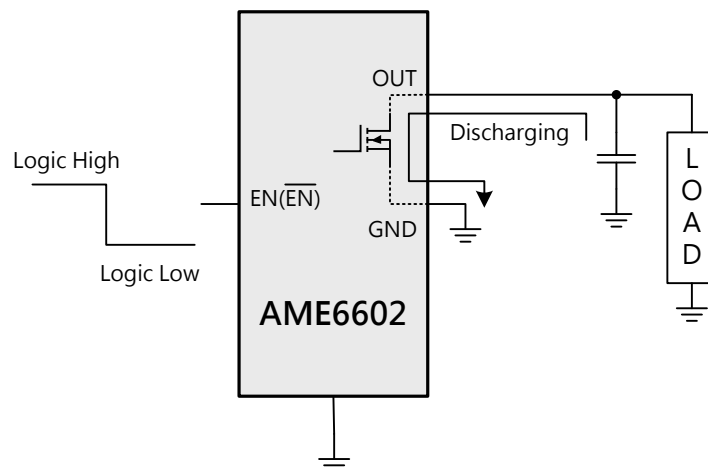
EN(\overline{EN}) must be driven logic high or logic low for a clearly defined input. Floating the input may cause unpredictable operation. The pin should not be allowed to go negative with respect to GND.

Auto Output Discharge

The discharge function is activated when EN(\overline{EN}) pin is disabled or de-asserted. The power switch automatically offers a resistive discharge path for the external storage capacitor. This facilitates discharging any residue of the output voltage when either no external output resistance or load resistance is present at the output.

| EN | IN to OUT | OUT to GND |
|----|-----------|------------|
| H | ON | OFF |
| L | OFF | ON |

| \overline{EN} | IN to OUT | OUT to GND |
|-----------------|-----------|------------|
| H | OFF | ON |
| L | ON | OFF |



■ Application Information (Contd.)

FLAG Indicator

The $\overline{\text{FLAG}}$ open-drain output is asserted ($\overline{\text{FLAG}}$: active low) during an over-current or over-temperature condition. Until the fault condition is de-asserted and the AME6602 resumes normal operation. The AME6602 eliminate false $\overline{\text{FLAG}}$ reporting by using an internal delay "deglitch" circuit for over-current (8ms typ.) conditions without the need for external circuitry. This ensures that $\overline{\text{FLAG}}$ is not accidentally asserted due to normal operation such as starting into a heavy capacitive load.

Power Dissipation

Thermal analysis is strongly dependent on additional system level factors such as air flow, board layout, copper thickness and surface area, and proximity to other devices dissipating power.

Good thermal design practice must include all system level factors in addition to individual component analysis. Begin by determining the $R_{\text{DS(ON)}}$ of the internal MOSFET relative to the input voltage and operating temperature. As an initial estimate, make use of the highest operating ambient temperature of interest and read $R_{\text{DS(ON)}}$ from the typical characteristics graph. Using this value, the power dissipation can be calculated by:

$$P_D = R_{\text{DS(ON)}} \times (I_{\text{OUT}})^2$$

Where:

P_D = Total power dissipation (W)

$R_{\text{DS(ON)}}$ = MOSFET on-resistance (Ω)

I_{OUT} = Maximum current-limit threshold (A)

This step calculates the total power dissipation of internal MOSFET.

Next, the junction temperature of the device depends on different contributing factors such as board layout, ambient temperature, device environment, and so on. Then, calculate the junction temperature:

$$T_J = P_D \times \theta_{\text{JA}} + T_A$$

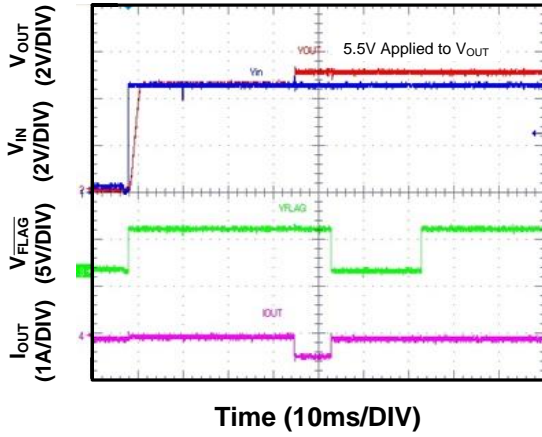
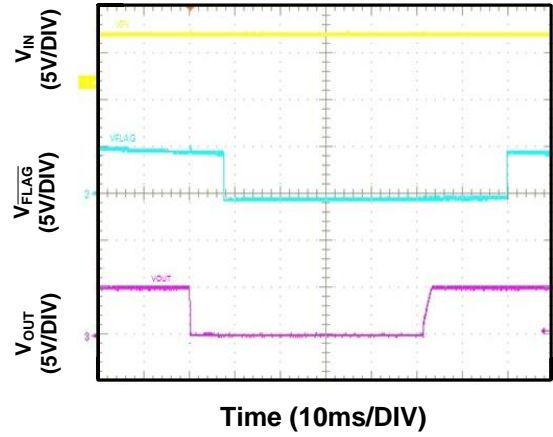
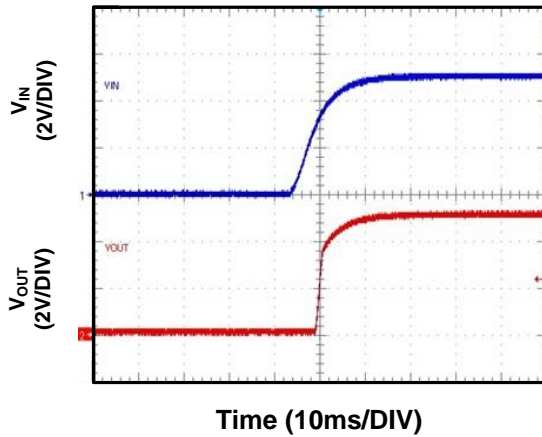
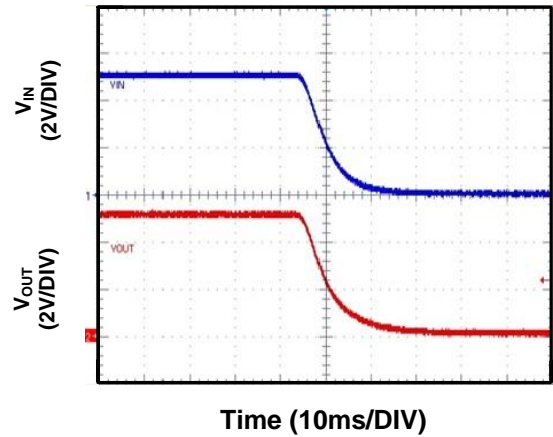
Where:

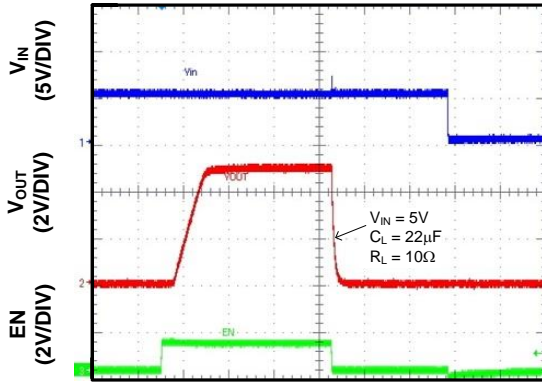
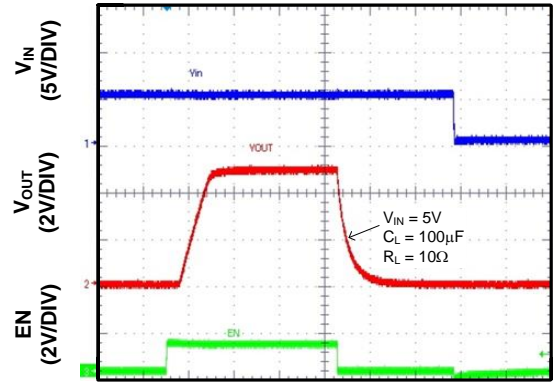
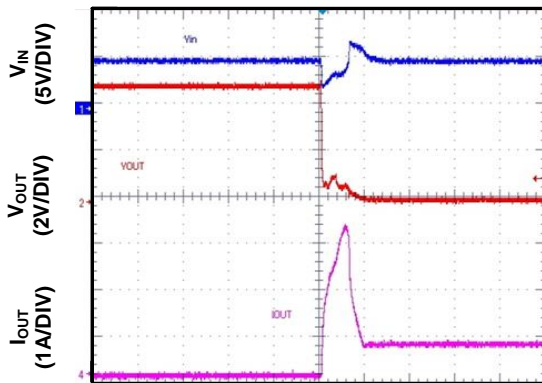
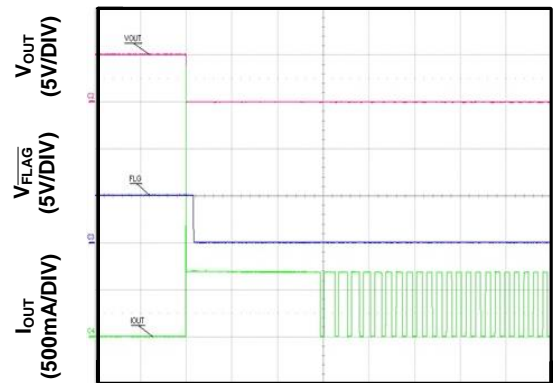
T_A = Ambient temperature ($^{\circ}\text{C}$)

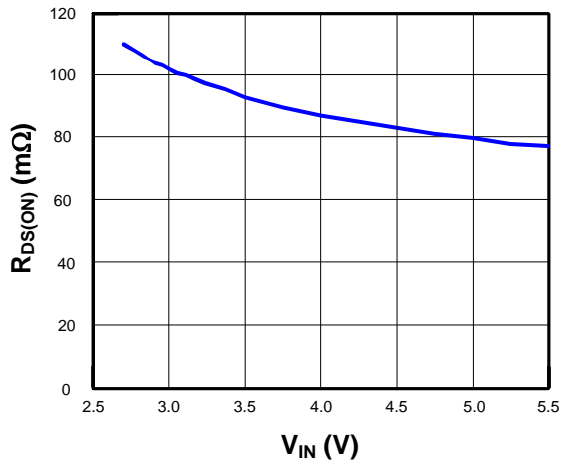
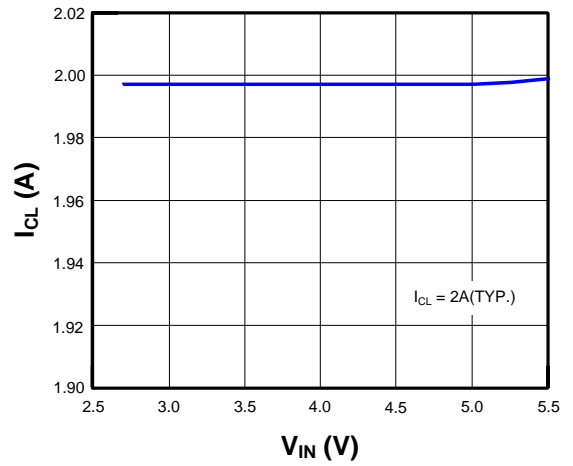
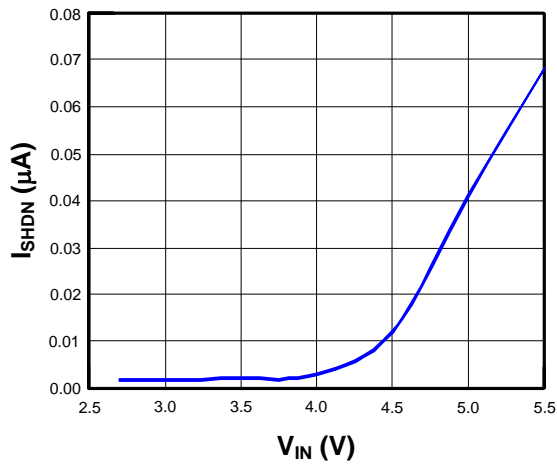
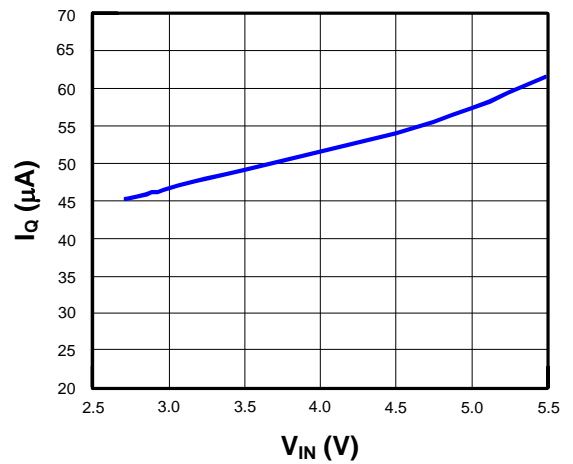
θ_{JA} = Thermal resistance ($^{\circ}\text{C}/\text{W}$)

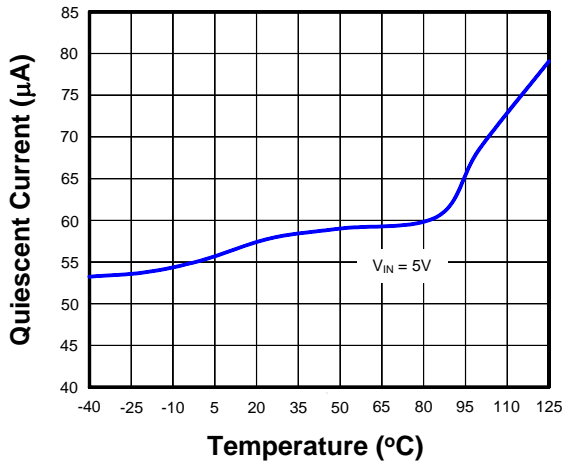
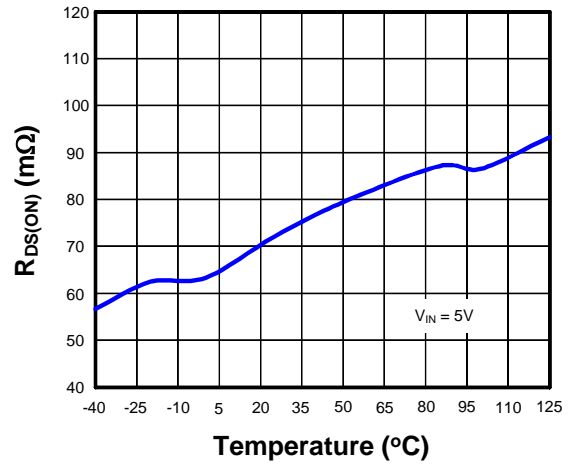
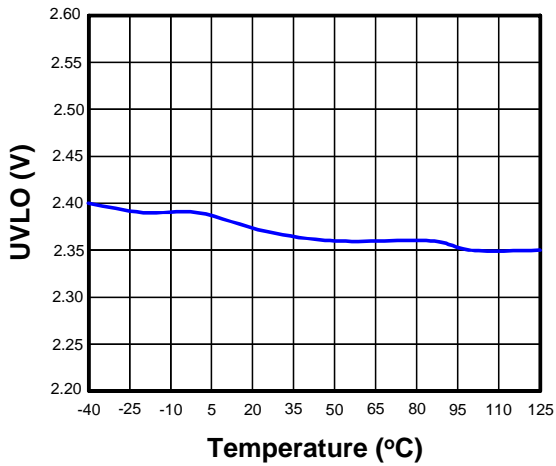
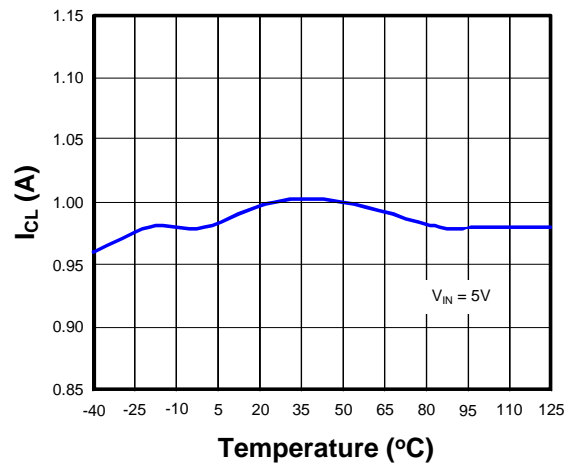
P_D = Total power dissipation (W)

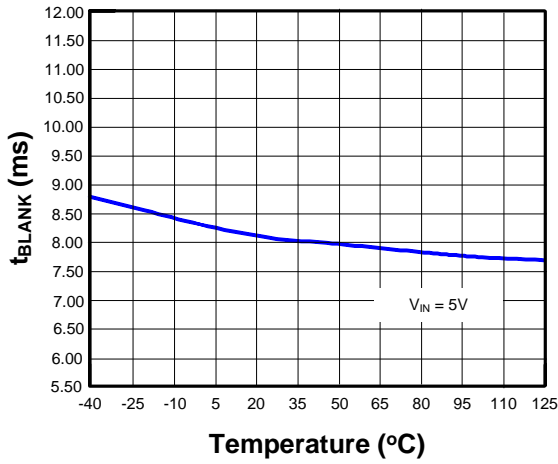
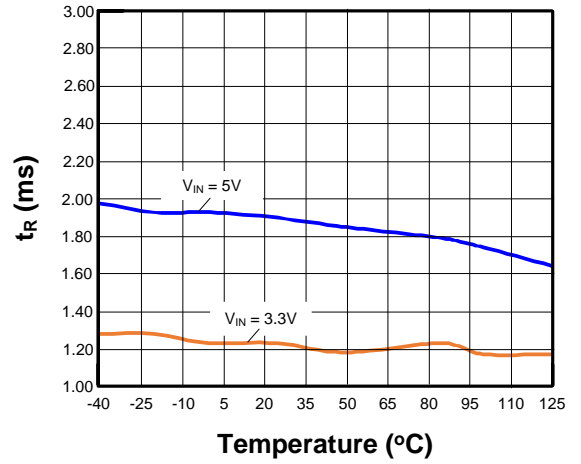
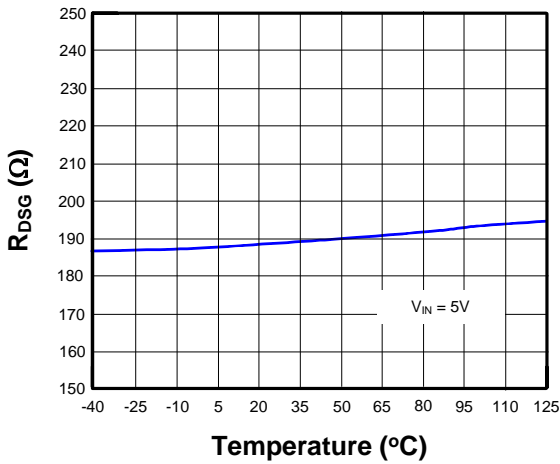
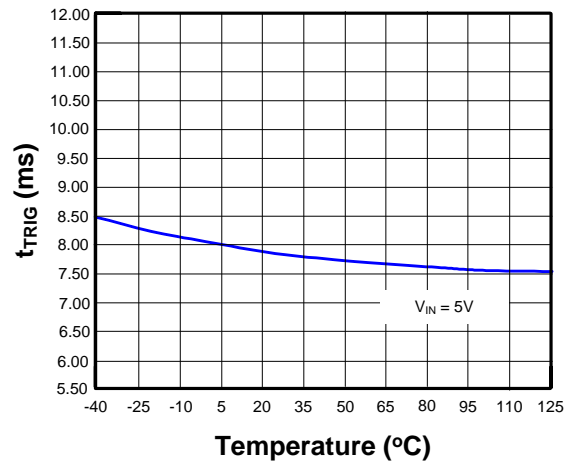
Compare the calculated T_J with the initial estimate. If they are not within a few degrees, repeat the calculation using the refined $R_{\text{DS(ON)}}$ from the previous calculation as the new estimate. Two or three iterations are generally sufficient to achieve the desired result. The final T_J is highly dependent on θ_{JA} and thermal resistance is respectably dependent on the individual package and board layout.

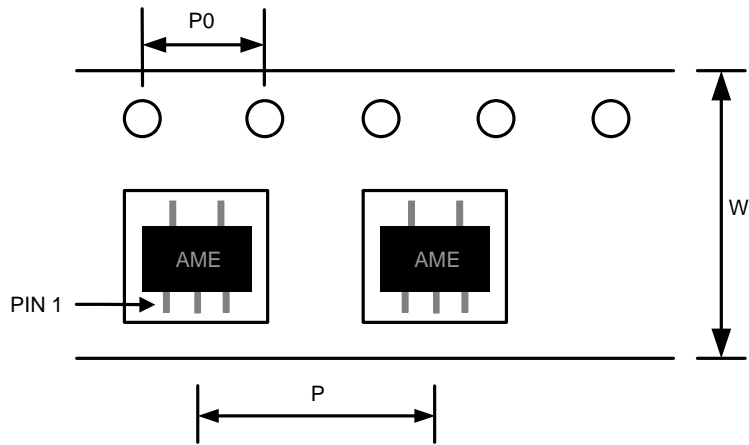
■ Characterization Curve
Reverse Voltage Protection

FLAG Blanking Time

UVLO Protection at Rising

UVLO Protection at Falling


■ Characterization Curve (Contd.)
Enable On / Off

Time (4ms/DIV)
Enable On / Off

Time (4ms/DIV)
Short Circuit Response

Time (100µs/DIV)
Thermal Shutdown

Time (50ms/DIV)

■ Characterization Curve (Contd.)
 $R_{DS(ON)}$ vs. V_{IN}

 I_{CL} vs. V_{IN}

Shutdown Current vs. V_{IN}

 I_Q vs V_{IN}


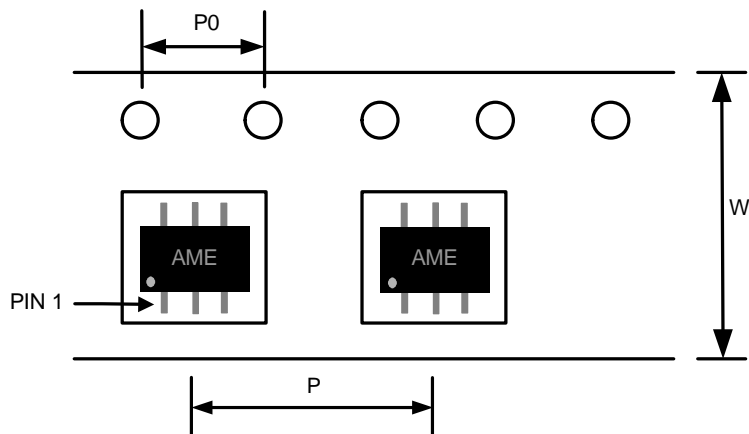
■ Characterization Curve (Contd.)
Quiescent Current vs. Temp

 $R_{DS(ON)}$ vs. Temp.

UVLO vs. Temp.

 I_{CL} vs. Temp.


■ Characterization Curve (Contd.)
 t_{BLANK} vs. Temp.

 t_R vs. Temp.

 R_{DSG} vs. Temp.

 t_{TRIG} vs. Temp.


■ Tape and Reel Dimension
SOT-25/TSOT-25A


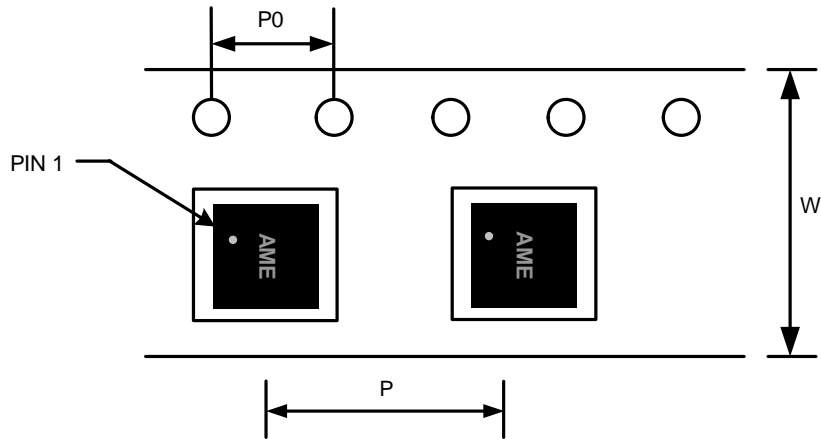
Carrier Tape, Number of Components Per Reel and Reel Size

| Package | Carrier Width (W) | Pitch (P) | Pitch (P0) | Part Per Full Reel | Reel Size |
|-----------------|-------------------|------------|------------|--------------------|-----------|
| SOT-25/TSOT-25A | 8.0±0.1 mm | 4.0±0.1 mm | 4.0±0.1 mm | 3000pcs | 180±1 mm |

TSOT-26A


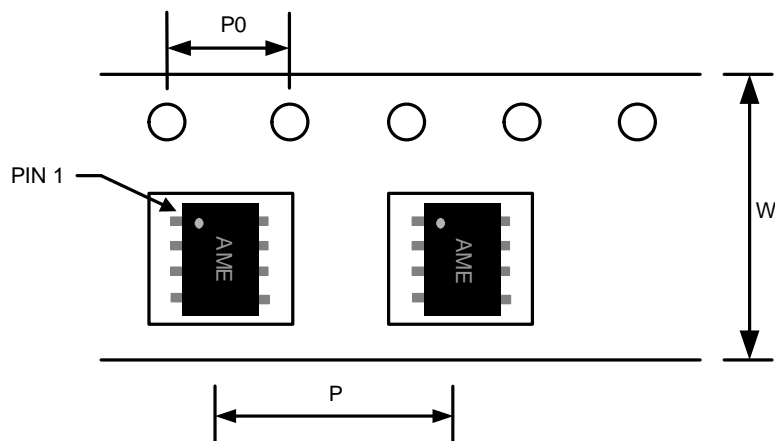
Carrier Tape, Number of Components Per Reel and Reel Size

| Package | Carrier Width (W) | Pitch (P) | Pitch (P0) | Part Per Full Reel | Reel Size |
|----------|-------------------|------------|------------|--------------------|-----------|
| TSOT-26A | 8.0±0.1 mm | 4.0±0.1 mm | 4.0±0.1 mm | 3000pcs | 180±1 mm |

■ Tape and Reel Dimension (Contd.)
DFN-6D
(2x2x0.75mm)


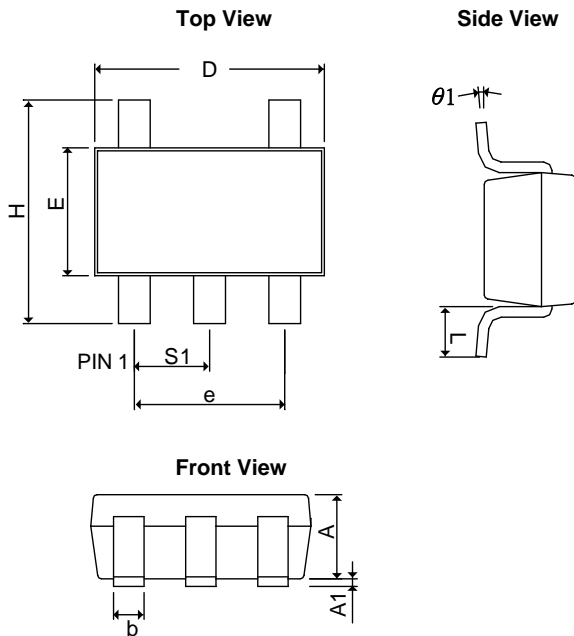
Carrier Tape, Number of Components Per Reel and Reel Size

| Package | Carrier Width (W) | Pitch (P) | Pitch (P0) | Part Per Full Reel | Reel Size |
|---------|-------------------|------------|------------|--------------------|-----------|
| DFN-6D | 8.0±0.1 mm | 4.0±0.1 mm | 4.0±0.1 mm | 3000pcs | 180±1 mm |

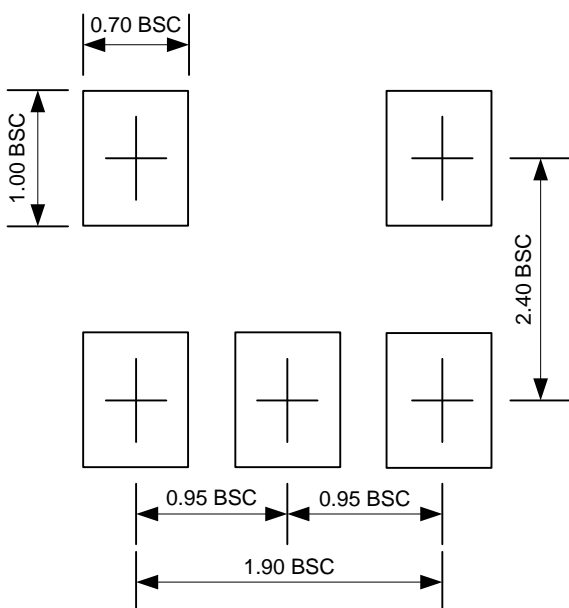
MSOP-8


Carrier Tape, Number of Components Per Reel and Reel Size

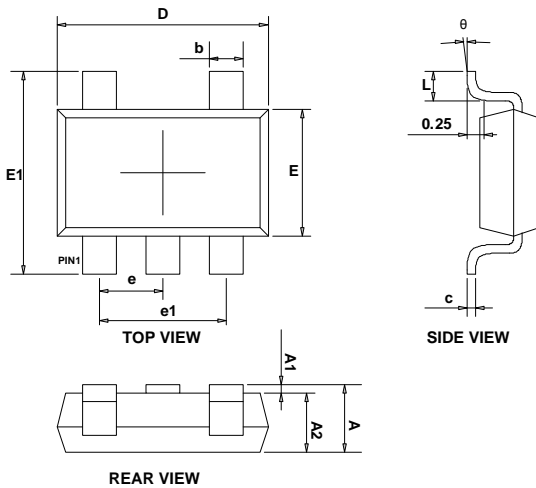
| Package | Carrier Width (W) | Pitch (P) | Pitch (P0) | Part Per Full Reel | Reel Size |
|---------|-------------------|------------|------------|--------------------|-----------|
| MSOP-8 | 12.0±0.1 mm | 8.0±0.1 mm | 4.0±0.1 mm | 2500pcs | 330±1 mm |

■ Package Dimension
SOT-25


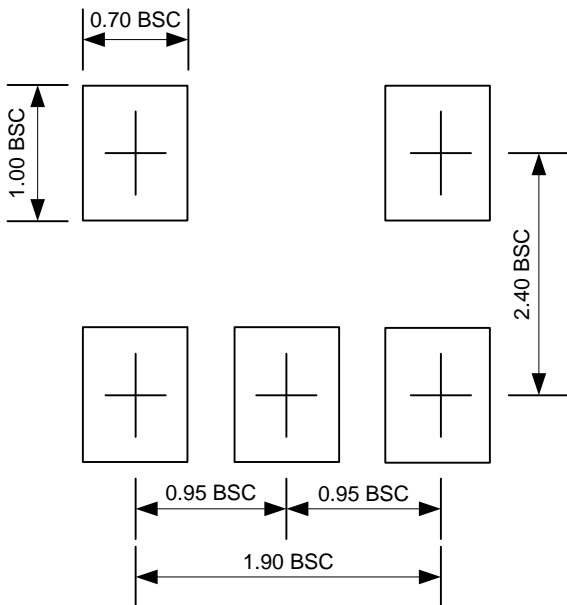
| SYMBOLS | MILLIMETERS | | INCHES | |
|------------------------------|-------------|------|------------|--------|
| | MIN | MAX | MIN | MAX |
| A | 0.90 | 1.30 | 0.0354 | 0.0512 |
| A₁ | 0.00 | 0.15 | 0.0000 | 0.0059 |
| b | 0.30 | 0.55 | 0.0118 | 0.0217 |
| D | 2.70 | 3.10 | 0.1063 | 0.1220 |
| E | 1.40 | 1.80 | 0.0551 | 0.0709 |
| e | 1.90 BSC | | 0.0748 BSC | |
| H | 2.60 | 3.00 | 0.1024 | 0.1181 |
| L | 0.37 BSC | | 0.0146 BSC | |
| θ_1 | 0° | 10° | 0° | 10° |
| S₁ | 0.95 BSC | | 0.0374 BSC | |

■ Lead Pattern

Note:

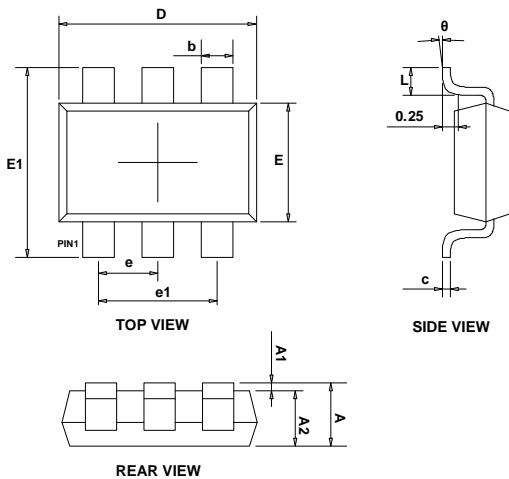
- Lead pattern unit description:
BSC: Basic. Represents theoretical exact dimension or dimension target.
- Dimensions in Millimeters.
- General tolerance $\pm 0.05\text{mm}$ unless otherwise specified.

■ Package Dimension (Contd.)
TSOT-25A


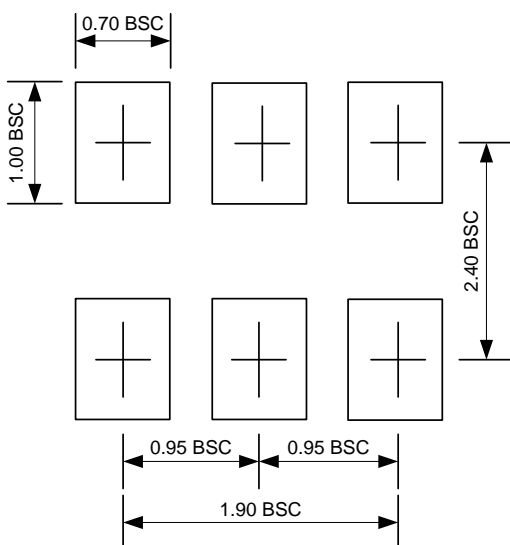
| SYMBOLS | MILLIMETERS | | INCHES | |
|-----------|-------------|-------|-----------|-------|
| | MIN | MAX | MIN | MAX |
| A | 0.700 | 0.900 | 0.028 | 0.035 |
| A1 | 0.000 | 0.100 | 0.000 | 0.004 |
| A2 | 0.700 | 0.800 | 0.028 | 0.031 |
| b | 0.350 | 0.500 | 0.014 | 0.020 |
| c | 0.080 | 0.200 | 0.003 | 0.008 |
| D | 2.820 | 3.020 | 0.111 | 0.119 |
| E | 1.600 | 1.700 | 0.063 | 0.067 |
| E1 | 2.650 | 2.950 | 0.104 | 0.116 |
| e | 0.95 BSC | | 0.037 BSC | |
| e1 | 1.90 BSC | | 0.075 BSC | |
| L | 0.300 | 0.600 | 0.012 | 0.024 |
| θ | 0° | 8° | 0° | 8° |

■ Lead Pattern

Note:

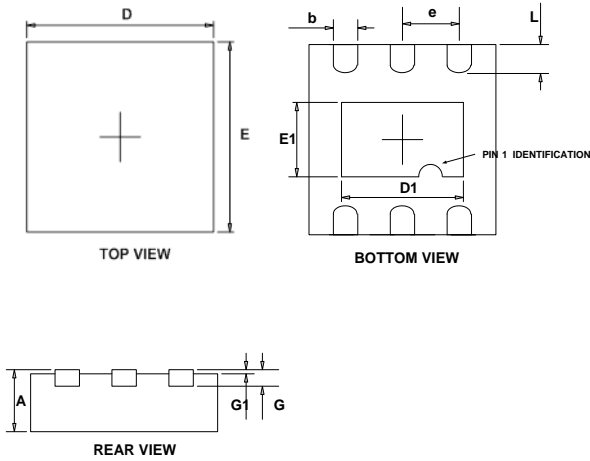
- Lead pattern unit description:
BSC: Basic. Represents theoretical exact dimension or dimension target.
- Dimensions in Millimeters.
- General tolerance $\pm 0.05\text{mm}$ unless otherwise specified.

■ Package Dimension (Contd.)
TSOT-26A


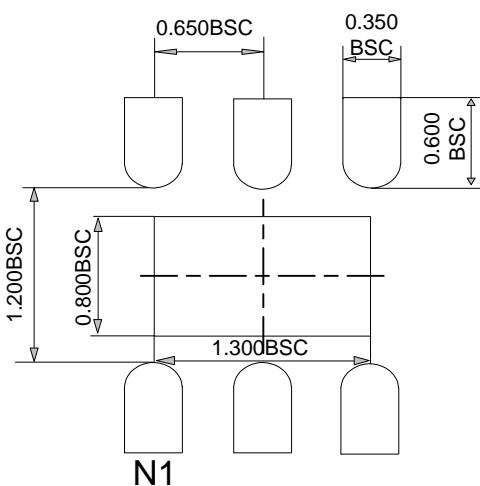
| SYMBOLS | MILLIMETERS | | INCHES | |
|----------------------------|-------------|-------|-----------|-------|
| | MIN | MAX | MIN | MAX |
| A | 0.700 | 0.900 | 0.028 | 0.035 |
| A1 | 0.000 | 0.100 | 0.000 | 0.004 |
| A2 | 0.700 | 0.800 | 0.028 | 0.031 |
| b | 0.350 | 0.500 | 0.014 | 0.020 |
| c | 0.080 | 0.200 | 0.003 | 0.008 |
| D | 2.820 | 3.020 | 0.111 | 0.119 |
| E | 1.600 | 1.700 | 0.063 | 0.067 |
| E1 | 2.650 | 2.950 | 0.104 | 0.116 |
| e | 0.95 BSC | | 0.037 BSC | |
| e1 | 1.90 BSC | | 0.075 BSC | |
| L | 0.300 | 0.600 | 0.012 | 0.024 |
| θ | 0° | 8° | 0° | 8° |

■ Lead Pattern

Note:

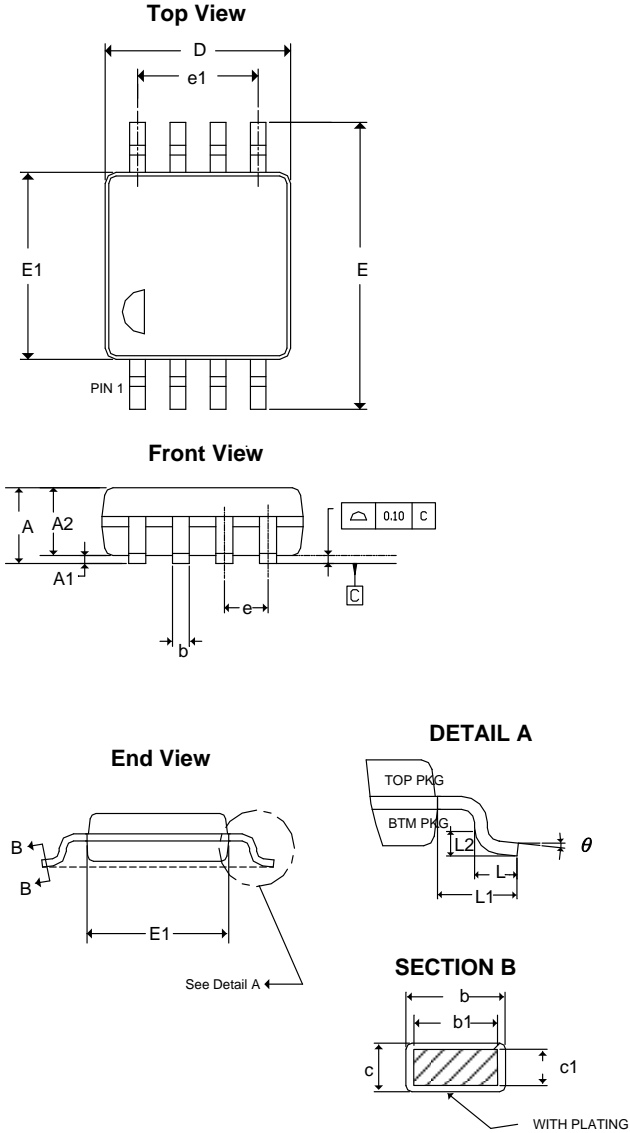
- Lead pattern unit description:
BSC: Basic. Represents theoretical exact dimension or dimension target.
- Dimensions in Millimeters.
- General tolerance $\pm 0.05\text{mm}$ unless otherwise specified.

■ Package Dimension (Contd.)
DFN-6D
(2x2x0.75mm)


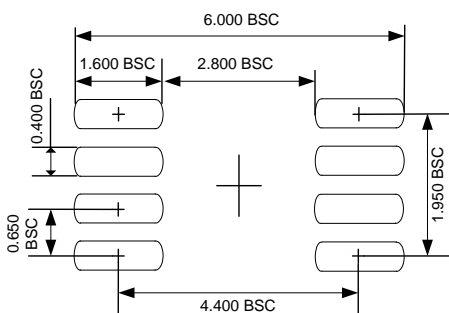
| SYMBOLS | MILLIMETERS | | INCHES | |
|-----------|-------------|-------|-----------|-------|
| | MIN | MAX | MIN | MAX |
| A | 0.700 | 0.800 | 0.028 | 0.031 |
| D | 1.900 | 2.100 | 0.075 | 0.083 |
| E | 1.900 | 2.100 | 0.075 | 0.083 |
| e | 0.650 TYP | | 0.026 TYP | |
| D1 | 1.100 | 1.650 | 0.043 | 0.065 |
| E1 | 0.600 | 1.050 | 0.024 | 0.041 |
| b | 0.180 | 0.350 | 0.007 | 0.014 |
| L | 0.200 | 0.450 | 0.008 | 0.018 |
| G | 0.178 | 0.228 | 0.007 | 0.009 |
| G1 | 0.000 | 0.050 | 0.000 | 0.002 |

■ Lead Pattern

Note:

- Lead pattern unit description:
BSC: Basic. Represents theoretical exact dimension or dimension target.
- Dimensions in Millimeters.
- General tolerance $\pm 0.05 \text{ mm}$ unless otherwise specified.

■ Package Dimension (Contd.)
MSOP-8


| SYMBOLS | MILLIMETERS | | INCHES | |
|----------------------|-------------|------|-----------|-------|
| | MIN | MAX | MIN | MAX |
| A | - | 1.10 | - | 0.043 |
| A₁ | 0.00 | 0.20 | 0.000 | 0.008 |
| A₂ | 0.75 | 0.95 | 0.029 | 0.037 |
| b | 0.25 | 0.38 | 0.010 | 0.015 |
| b₁ | 0.28 | 0.33 | 0.011 | 0.013 |
| c | 0.08 | 0.23 | 0.003 | 0.009 |
| c₁ | 0.13 | 0.17 | 0.005 | 0.007 |
| D | 2.90 | 3.10 | 0.114 | 0.122 |
| E | 4.75 | 5.05 | 0.187 | 0.199 |
| E₁ | 2.90 | 3.10 | 0.114 | 0.122 |
| e | 0.65 TYP | | 0.026 TYP | |
| e₁ | 1.95 TYP | | 0.077 TYP | |
| L | 0.40 | 0.80 | 0.016 | 0.031 |
| L₁ | 0.94 REF | | 0.037 REF | |
| L₂ | 0.254 TYP | | 0.010 TYP | |
| θ | 0° | 8° | 0° | 8° |

■ Lead Pattern

Note:

- Lead pattern unit description:
BSC: Basic. Represents theoretical exact dimension or dimension target.
- Dimensions in Millimeters.
- General tolerance $\pm 0.05\text{mm}$ unless otherwise specified.



www.ame.com.tw
E-mail: sales@ame.com.tw

Life Support Policy:

These products of AME, Inc. are not authorized for use as critical components in life-support devices or systems, without the express written approval of the president of AME, Inc.

AME, Inc. reserves the right to make changes in the circuitry and specifications of its devices and advises its customers to obtain the latest version of relevant information.

© AME, Inc. , October 2023

Document: P003-DS6602-D.01

Corporate Headquarter
AME, Inc.

8F-1, 12, WenHu St., Nei-Hu

Taipei 114, Taiwan .

Tel: 886 2 2627-8687

Fax: 886 2 2659-2989