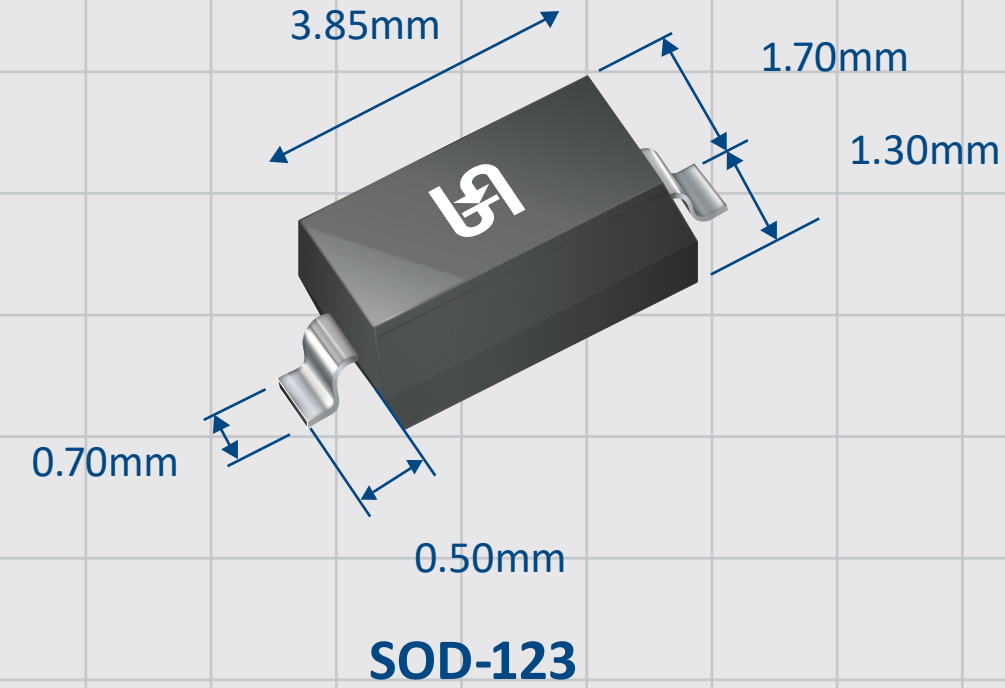


# 500mW, 1.8-39V Surface Mount Zener Diode

Taiwan Semiconductor has launched the MMSZ series of low-bias current voltage regulator diodes. These 50  $\mu$ A Zener diodes have SMD package SOD-123, which is compact and can meet various customer needs and flexibility. These efficient diodes are specified at low bias current (50  $\mu$ A), which are very suitable for low-bias and portable battery-powered devices in industrial applications, reducing losses and increasing battery life. The 50  $\mu$ A Zeners are available as samples and in production.

## PACKAGE

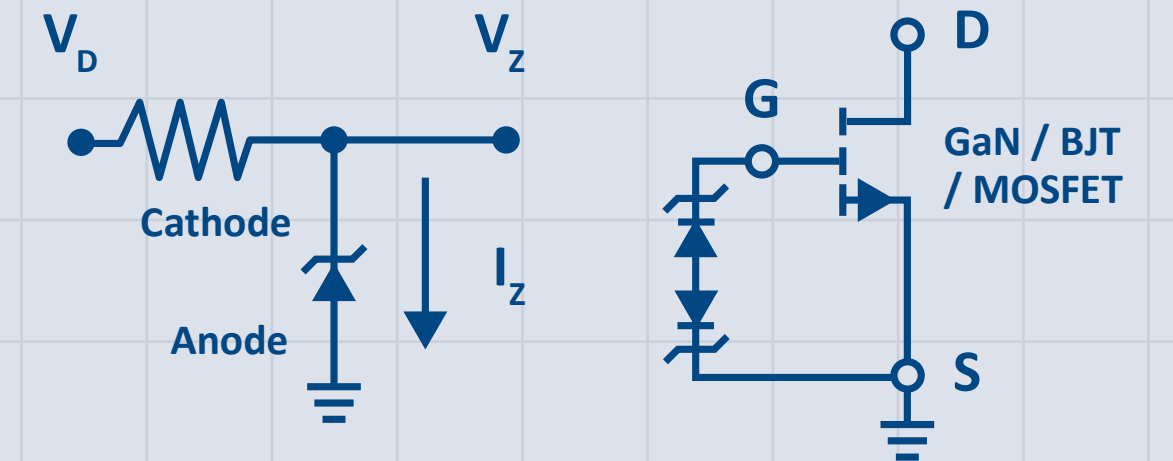


## SPECIFICATION



Scan or click the QR Code for full product portfolio

General-Purpose Circuit



## FEATURES

**50  $\mu$ A** SPECIFIED AT A LOW-TEST CURRENT

**$\pm 5\%$**  APPROXIMATED TOLERANCE

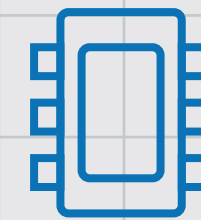
**V** WIDE WORKING VOLTAGE RANGE  $V_Z$

**↕** SPACE SAVINGS

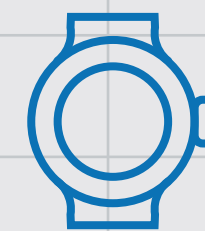
## APPLICATIONS



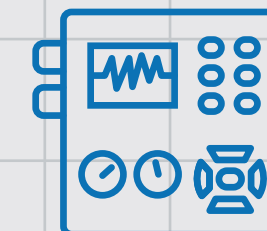
GENERAL PURPOSE PROTECTION



LOW-CURRENT GENERAL REGULATION FUNCTIONS

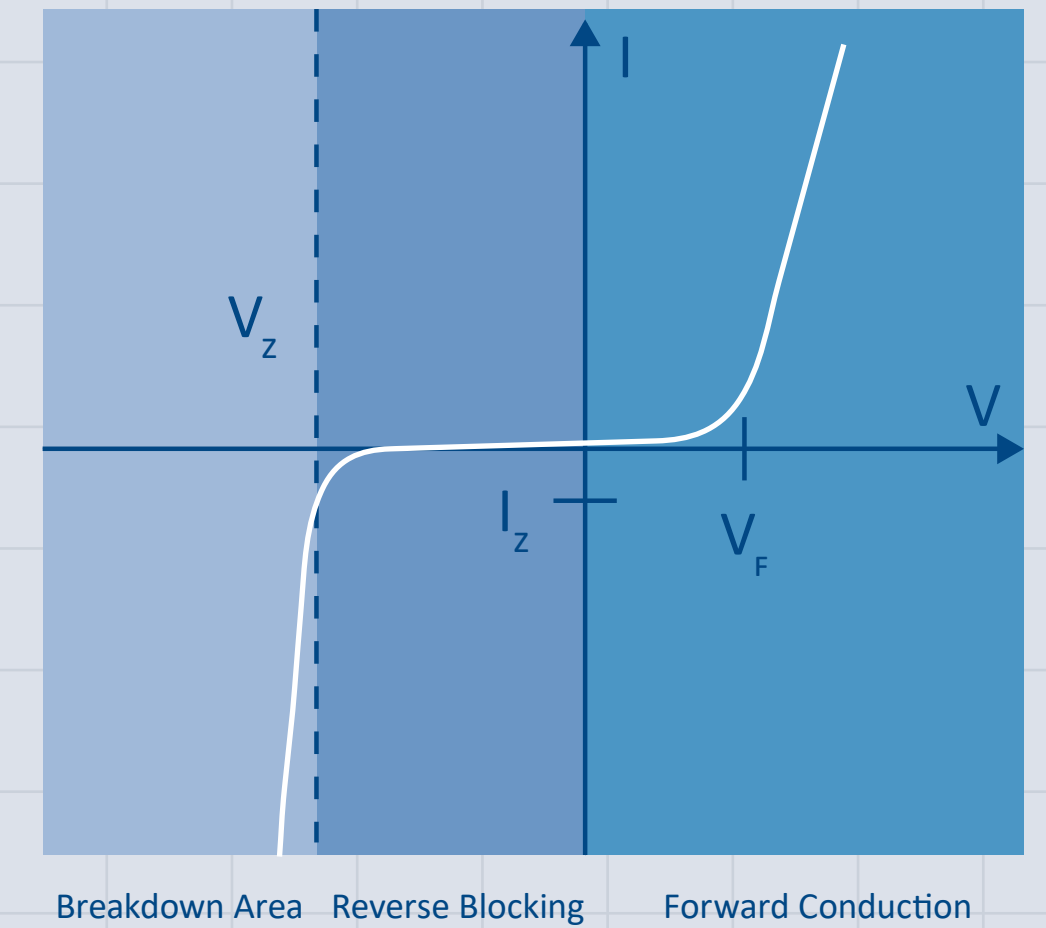


MOBILE & WEARABLE



INDUSTRIAL DEVICES

I-V Characteristic of Zener Diode



Official Website



X



LinkedIn

For more information: [marketing@ts.com.tw](mailto:marketing@ts.com.tw)

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