

# [AMS1117 Voltage Regulator](#)

Category: Equipment

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 8, 2026



Mbsmpro.com, AMS1117 Voltage Regulator, Common Mistakes, Thermal Design, 1.2V-5.0V, Decoupling, Layout, Alternatives

---

# [1N4728, 1N4729, 1N4730, 1N4731, 1N4732, 1N4733, 1N4734, 1N4735, 1N4736, 1N4737, Zener diode](#)

Category: Electronic

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 8, 2026



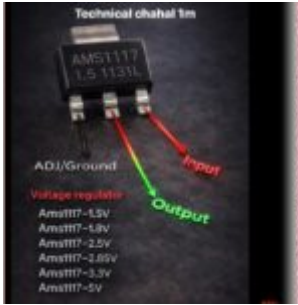
Zener diodes like the 1N4728A thru 1N4737A series deliver reliable voltage regulation from 3.3V to 7.5V at 1W power. Engineers rely on these for stabilizing circuits in power supplies and protection setups. Check the full voltage chart and specs below for your next project. (55 words)

---

# [AMS1117 Voltage Regulator](#)

Category: Electronic

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 8, 2026



AMS1117 voltage regulator pinout input output ground fixed versions 1.5V 1.8V 2.5V 2.85V 3.3V 5V applications

# Zener Diode Series 1N746 to 1N5369 Overview

Category: Electronic  
written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 8, 2026

1N746 - 3.6V	1N4738 - 3.6V	1N5354 - 33V
1N747 - 3.9V	1N4739 - 3.9V	1N5355 - 33V
1N748 - 4.3V	1N4740 - 4.3V	1N5356 - 33V
1N749 - 4.7V	1N4741 - 4.7V	1N5357 - 33V
1N750 - 5.1V	1N4742 - 5.1V	1N5358 - 33V
1N751 - 5.6V	1N4743 - 5.6V	1N5359 - 33V
1N752 - 6.2V	1N4744 - 6.2V	1N5360 - 33V
1N753 - 6.8V	1N4745 - 6.8V	1N5361 - 33V
1N754 - 7.5V	1N4746 - 7.5V	1N5362 - 33V
1N755 - 8.2V	1N4747 - 8.2V	1N5363 - 33V
1N756 - 9.1V	1N4748 - 9.1V	1N5364 - 33V
1N757 - 10V	1N4749 - 10V	1N5365 - 33V
1N758 - 11V	1N4750 - 11V	1N5366 - 33V
1N759 - 12V	1N4751 - 12V	1N5367 - 33V
1N760 - 13V	1N4752 - 13V	1N5368 - 33V
1N761 - 15V	1N4753 - 15V	1N5369 - 33V
1N762 - 18V	1N4754 - 18V	1N5370 - 33V
1N763 - 20V	1N4755 - 20V	1N5371 - 33V
1N764 - 22V	1N4756 - 22V	1N5372 - 33V
1N765 - 24V	1N4757 - 24V	1N5373 - 33V
1N766 - 27V	1N4758 - 27V	1N5374 - 33V
1N767 - 30V	1N4759 - 30V	1N5375 - 33V
1N768 - 33V	1N4760 - 33V	1N5376 - 33V
1N769 - 36V	1N4761 - 36V	1N5377 - 33V
1N770 - 40V	1N4762 - 40V	1N5378 - 33V
1N771 - 45V	1N4763 - 45V	1N5379 - 33V
1N772 - 50V	1N4764 - 50V	1N5380 - 33V
1N773 - 56V	1N4765 - 56V	1N5381 - 33V
1N774 - 62V	1N4766 - 62V	1N5382 - 33V
1N775 - 68V	1N4767 - 68V	1N5383 - 33V
1N776 - 75V	1N4768 - 75V	1N5384 - 33V
1N777 - 82V	1N4769 - 82V	1N5385 - 33V
1N778 - 91V	1N4770 - 91V	1N5386 - 33V
1N779 - 100V	1N4771 - 100V	1N5387 - 33V

Zener diodes are essential components in voltage regulation and protection circuits. This guide provides a detailed overview of three popular power ratings: 0.5W, 1W, and 5W Zener diode series, covering part numbers from 1N746 to 1N5369 and voltage ranges from 3.3V to 100V. Whether you're designing a power supply, voltage reference, or surge protection circuit, having a complete voltage chart at your fingertips is invaluable for selecting the right component.