

[AMS1117 Voltage Regulator](#)

Category: Equipment

written by 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 | January 8, 2026

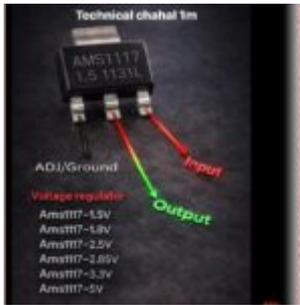


Zener diodes like the 1N4728A thru 1N4737A series deliver reliable voltage regulation from 3.3V to 7.5V at 1W power. Engineers rely on these for stabilizing circuits in power supplies and protection setups. Check the full voltage chart and specs below for your next project. (55 words)

[AMS1117 Voltage Regulator](#)

Category: Electronic

written by www.mbsmpro.com | 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 | January 8, 2026

1N746 - 3.6V	1N4738 - 5.6V	1N5354 - 20V
1N747 - 3.9V	1N4739 - 5.9V	1N5355 - 20V
1N748 - 4.3V	1N4740 - 6.2V	1N5356 - 20V
1N749 - 4.7V	1N4741 - 6.5V	1N5357 - 20V
1N750 - 5.1V	1N4742 - 6.8V	1N5358 - 20V
1N751 - 5.6V	1N4743 - 7.1V	1N5359 - 20V
1N752 - 6.2V	1N4744 - 7.5V	1N5360 - 20V
1N753 - 6.8V	1N4745 - 7.9V	1N5361 - 20V
1N754 - 7.5V	1N4746 - 8.2V	1N5362 - 20V
1N755 - 8.2V	1N4747 - 8.7V	1N5363 - 20V
1N756 - 9.1V	1N4748 - 9.1V	1N5364 - 20V
1N757 - 10V	1N4749 - 9.5V	1N5365 - 20V
1N758 - 11V	1N4750 - 10V	1N5366 - 20V
1N759 - 12V	1N4751 - 10.5V	1N5367 - 20V
1N760 - 13V	1N4752 - 11V	1N5368 - 20V
1N761 - 15V	1N4753 - 11.5V	1N5369 - 20V
1N762 - 16V	1N4754 - 12V	1N5370 - 20V
1N763 - 18V	1N4755 - 12.5V	1N5371 - 20V
1N764 - 20V	1N4756 - 13V	1N5372 - 20V
1N765 - 22V	1N4757 - 13.5V	1N5373 - 20V
1N766 - 24V	1N4758 - 14V	1N5374 - 20V
1N767 - 27V	1N4759 - 14.5V	1N5375 - 20V
1N768 - 30V	1N4760 - 15V	1N5376 - 20V
1N769 - 33V	1N4761 - 15.5V	1N5377 - 20V
1N770 - 36V	1N4762 - 16V	1N5378 - 20V
1N771 - 40V	1N4763 - 16.5V	1N5379 - 20V
1N772 - 45V	1N4764 - 17V	1N5380 - 20V
1N773 - 50V	1N4765 - 17.5V	1N5381 - 20V
1N774 - 56V	1N4766 - 18V	1N5382 - 20V
1N775 - 62V	1N4767 - 18.5V	1N5383 - 20V
1N776 - 68V	1N4768 - 19V	1N5384 - 20V
1N777 - 75V	1N4769 - 19.5V	1N5385 - 20V
1N778 - 82V	1N4770 - 20V	1N5386 - 20V
1N779 - 91V	1N4771 - 20.5V	1N5387 - 20V
1N780 - 100V	1N4772 - 21V	1N5388 - 20V
1N781 - 110V	1N4773 - 21.5V	1N5389 - 20V
1N782 - 120V	1N4774 - 22V	1N5390 - 20V
1N783 - 130V	1N4775 - 22.5V	1N5391 - 20V
1N784 - 150V	1N4776 - 23V	1N5392 - 20V
1N785 - 160V	1N4777 - 23.5V	1N5393 - 20V
1N786 - 180V	1N4778 - 24V	1N5394 - 20V
1N787 - 200V	1N4779 - 24.5V	1N5395 - 20V
1N788 - 220V	1N4780 - 25V	1N5396 - 20V
1N789 - 240V	1N4781 - 25.5V	1N5397 - 20V
1N790 - 270V	1N4782 - 26V	1N5398 - 20V
1N791 - 300V	1N4783 - 26.5V	1N5399 - 20V
1N792 - 330V	1N4784 - 27V	1N5400 - 20V
1N793 - 360V	1N4785 - 27.5V	1N5401 - 20V
1N794 - 400V	1N4786 - 28V	1N5402 - 20V
1N795 - 450V	1N4787 - 28.5V	1N5403 - 20V
1N796 - 500V	1N4788 - 29V	1N5404 - 20V
1N797 - 560V	1N4789 - 29.5V	1N5405 - 20V
1N798 - 620V	1N4790 - 30V	1N5406 - 20V
1N799 - 680V	1N4791 - 30.5V	1N5407 - 20V
1N800 - 750V	1N4792 - 31V	1N5408 - 20V
1N801 - 820V	1N4793 - 31.5V	1N5409 - 20V
1N802 - 910V	1N4794 - 32V	1N5410 - 20V
1N803 - 1000V	1N4795 - 32.5V	1N5411 - 20V
1N804 - 1100V	1N4796 - 33V	1N5412 - 20V
1N805 - 1200V	1N4797 - 33.5V	1N5413 - 20V
1N806 - 1300V	1N4798 - 34V	1N5414 - 20V
1N807 - 1500V	1N4799 - 34.5V	1N5415 - 20V
1N808 - 1600V	1N4800 - 35V	1N5416 - 20V
1N809 - 1800V	1N4801 - 35.5V	1N5417 - 20V
1N810 - 2000V	1N4802 - 36V	1N5418 - 20V
1N811 - 2200V	1N4803 - 36.5V	1N5419 - 20V
1N812 - 2400V	1N4804 - 37V	1N5420 - 20V
1N813 - 2700V	1N4805 - 37.5V	1N5421 - 20V
1N814 - 3000V	1N4806 - 38V	1N5422 - 20V
1N815 - 3300V	1N4807 - 38.5V	1N5423 - 20V
1N816 - 3600V	1N4808 - 39V	1N5424 - 20V
1N817 - 4000V	1N4809 - 39.5V	1N5425 - 20V
1N818 - 4500V	1N4810 - 40V	1N5426 - 20V
1N819 - 5000V	1N4811 - 40.5V	1N5427 - 20V
1N820 - 5600V	1N4812 - 41V	1N5428 - 20V
1N821 - 6200V	1N4813 - 41.5V	1N5429 - 20V
1N822 - 6800V	1N4814 - 42V	1N5430 - 20V
1N823 - 7500V	1N4815 - 42.5V	1N5431 - 20V
1N824 - 8200V	1N4816 - 43V	1N5432 - 20V
1N825 - 9100V	1N4817 - 43.5V	1N5433 - 20V
1N826 - 10000V	1N4818 - 44V	1N5434 - 20V
1N827 - 11000V	1N4819 - 44.5V	1N5435 - 20V
1N828 - 12000V	1N4820 - 45V	1N5436 - 20V
1N829 - 13000V	1N4821 - 45.5V	1N5437 - 20V
1N830 - 15000V	1N4822 - 46V	1N5438 - 20V
1N831 - 16000V	1N4823 - 46.5V	1N5439 - 20V
1N832 - 18000V	1N4824 - 47V	1N5440 - 20V
1N833 - 20000V	1N4825 - 47.5V	1N5441 - 20V
1N834 - 22000V	1N4826 - 48V	1N5442 - 20V
1N835 - 24000V	1N4827 - 48.5V	1N5443 - 20V
1N836 - 27000V	1N4828 - 49V	1N5444 - 20V
1N837 - 30000V	1N4829 - 49.5V	1N5445 - 20V
1N838 - 33000V	1N4830 - 50V	1N5446 - 20V
1N839 - 36000V	1N4831 - 50.5V	1N5447 - 20V
1N840 - 40000V	1N4832 - 51V	1N5448 - 20V
1N841 - 45000V	1N4833 - 51.5V	1N5449 - 20V
1N842 - 50000V	1N4834 - 52V	1N5450 - 20V
1N843 - 56000V	1N4835 - 52.5V	1N5451 - 20V
1N844 - 62000V	1N4836 - 53V	1N5452 - 20V
1N845 - 68000V	1N4837 - 53.5V	1N5453 - 20V
1N846 - 75000V	1N4838 - 54V	1N5454 - 20V
1N847 - 82000V	1N4839 - 54.5V	1N5455 - 20V
1N848 - 91000V	1N4840 - 55V	1N5456 - 20V
1N849 - 100000V	1N4841 - 55.5V	1N5457 - 20V
1N850 - 110000V	1N4842 - 56V	1N5458 - 20V
1N851 - 120000V	1N4843 - 56.5V	1N5459 - 20V
1N852 - 130000V	1N4844 - 57V	1N5460 - 20V
1N853 - 150000V	1N4845 - 57.5V	1N5461 - 20V
1N854 - 160000V	1N4846 - 58V	1N5462 - 20V
1N855 - 180000V	1N4847 - 58.5V	1N5463 - 20V
1N856 - 200000V	1N4848 - 59V	1N5464 - 20V
1N857 - 220000V	1N4849 - 59.5V	1N5465 - 20V
1N858 - 240000V	1N4850 - 60V	1N5466 - 20V
1N859 - 270000V	1N4851 - 60.5V	1N5467 - 20V
1N860 - 300000V	1N4852 - 61V	1N5468 - 20V
1N861 - 330000V	1N4853 - 61.5V	1N5469 - 20V
1N862 - 360000V	1N4854 - 62V	1N5470 - 20V
1N863 - 400000V	1N4855 - 62.5V	1N5471 - 20V
1N864 - 450000V	1N4856 - 63V	1N5472 - 20V
1N865 - 500000V	1N4857 - 63.5V	1N5473 - 20V
1N866 - 560000V	1N4858 - 64V	1N5474 - 20V
1N867 - 620000V	1N4859 - 64.5V	1N5475 - 20V
1N868 - 680000V	1N4860 - 65V	1N5476 - 20V
1N869 - 750000V	1N4861 - 65.5V	1N5477 - 20V
1N870 - 820000V	1N4862 - 66V	1N5478 - 20V
1N871 - 910000V	1N4863 - 66.5V	1N5479 - 20V
1N872 - 1000000V	1N4864 - 67V	1N5480 - 20V
1N873 - 1100000V	1N4865 - 67.5V	1N5481 - 20V
1N874 - 1200000V	1N4866 - 68V	1N5482 - 20V
1N875 - 1300000V	1N4867 - 68.5V	1N5483 - 20V
1N876 - 1500000V	1N4868 - 69V	1N5484 - 20V
1N877 - 1600000V	1N4869 - 69.5V	1N5485 - 20V
1N878 - 1800000V	1N4870 - 70V	1N5486 - 20V
1N879 - 2000000V	1N4871 - 70.5V	1N5487 - 20V
1N880 - 2200000V	1N4872 - 71V	1N5488 - 20V
1N881 - 2400000V	1N4873 - 71.5V	1N5489 - 20V
1N882 - 2700000V	1N4874 - 72V	1N5490 - 20V
1N883 - 3000000V	1N4875 - 72.5V	1N5491 - 20V
1N884 - 3300000V	1N4876 - 73V	1N5492 - 20V
1N885 - 3600000V	1N4877 - 73.5V	1N5493 - 20V
1N886 - 4000000V	1N4878 - 74V	1N5494 - 20V
1N887 - 4500000V	1N4879 - 74.5V	1N5495 - 20V
1N888 - 5000000V	1N4880 - 75V	1N5496 - 20V
1N889 - 5600000V	1N4881 - 75.5V	1N5497 - 20V
1N890 - 6200000V	1N4882 - 76V	1N5498 - 20V
1N891 - 6800000V	1N4883 - 76.5V	1N5499 - 20V
1N892 - 7500000V	1N4884 - 77V	1N5500 - 20V
1N893 - 8200000V	1N4885 - 77.5V	1N5501 - 20V
1N894 - 9100000V	1N4886 - 78V	1N5502 - 20V
1N895 - 10000000V	1N4887 - 78.5V	1N5503 - 20V
1N896 - 11000000V	1N4888 - 79V	1N5504 - 20V
1N897 - 12000000V	1N4889 - 79.5V	1N5505 - 20V
1N898 - 13000000V	1N4890 - 80V	1N5506 - 20V
1N899 - 15000000V	1N4891 - 80.5V	1N5507 - 20V
1N900 - 16000000V	1N4892 - 81V	1N5508 - 20V
1N901 - 18000000V	1N4893 - 81.5V	1N5509 - 20V
1N902 - 20000000V	1N4894 - 82V	1N5510 - 20V
1N903 - 22000000V	1N4895 - 82.5V	1N5511 - 20V
1N904 - 24000000V	1N4896 - 83V	1N5512 - 20V
1N905 - 27000000V	1N4897 - 83.5V	1N5513 - 20V
1N906 - 30000000V	1N4898 - 84V	1N5514 - 20V
1N907 - 33000000V	1N4899 - 84.5V	1N5515 - 20V
1N908 - 36000000V	1N4900 - 85V	1N5516 - 20V
1N909 - 40000000V	1N4901 - 85.5V	1N5517 - 20V
1N910 - 45000000V	1N4902 - 86V	1N5518 - 20V
1N911 - 50000000V	1N4903 - 86.5V	1N5519 - 20V
1N912 - 56000000V	1N4904 - 87V	1N5520 - 20V
1N913 - 62000000V	1N4905 - 87.5V	1N5521 - 20V
1N914 - 68000000V	1N4906 - 88V	1N5522 - 20V
1N915 - 75000000V	1N4907 - 88.5V	1N5523 - 20V
1N916 - 82000000V	1N4908 - 89V	1N5524 - 20V
1N917 - 91000000V	1N4909 - 89.5V	1N5525 - 20V
1N918 - 100000000V	1N4910 - 90V	1N5526 - 20V
1N919 - 110000000V	1N4911 - 90.5V	1N5527 - 20V
1N920 - 120000000V	1N4912 - 91V	1N5528 - 20V
1N921 - 130000000V	1N4913 - 91.5V	1N5529 - 20V
1N922 - 150000000V	1N4914 - 92V	1N5530 - 20V
1N923 - 160000000V	1N4915 - 92.5V	1N5531 - 20V
1N924 - 180000000V	1N4916 - 93V	1N5532 - 20V
1N925 - 200000000V	1N4917 - 93.5V	1N5533 - 20V
1N926 - 220000000V	1N4918 - 94V	1N5534 - 20V
1N927 - 240000000V	1N4919 - 94.5V	1N5535 - 20V
1N928 - 270000000V	1N4920 - 95V	1N5536 - 20V
1N929 - 300000000V	1N4921 - 95.5V	1N5537 - 20V
1N930 - 330000000V	1N4922 - 96V	1N5538 - 20V
1N931 - 360000000V	1N4923 - 96.5V	1N5539 - 20V
1N932 - 400000000V	1N4924 - 97V	1N5540 - 20V
1N933 - 450000000V	1N4925 - 97.5V	1N5541 - 20V
1N934 - 500000000V	1N4926 - 98V	1N5542 - 20V
1N935 - 560000000V	1N4927 - 98.5V	1N5543 - 20V
1N936 - 620000000V	1N4928 - 99V	1N5544 - 20V
1N937 - 680000000V	1N4929 - 99.5V	1N5545 - 20V
1N938 - 750000000V	1N4930 - 100V	1N5546 - 20V
1N939 - 820000000V	1N4931 - 100.5V	1N5547 - 20V
1N940 - 910000000V	1N4932 - 101V	1N5548 - 20V
1N941 - 1000000000V	1N4933 - 101.5V	1N5549 - 20V
1N942 - 1100000000V	1N4934 - 102V	1N5550 - 20V
1N943 - 1200000000V	1N4935 - 102.5V	1N5551 - 20V
1N944 - 1300000000V	1N4936 - 103V	1N5552 - 20V
1N945 - 1500000000V	1N4937 - 103.5V	1N5553 - 20V
1N946 - 1600000000V	1N4938 - 104V	1N5554 - 20V
1N947 - 1800000000V	1N4939 - 104.5V	1N5555 - 20V
1N948 - 2000000000V	1N4940 - 105V	1N5556 - 20V
1N949 - 2200000000V	1N4941 - 105.5V	1N5557 - 20V
1N950 - 2400000000V	1N4942 - 106V	1N5558 - 20V
1N951 - 2700000000V	1N4943 - 106.5V	1N5559 - 20V
1N952 - 3000000000V	1N4944 - 107V	1N5560 - 20V
1N953 - 3300000000V	1N4945 - 107.5V	1N5561 - 20V
1N954 - 3600000000V	1N4946 - 108V	1N5562 - 20V
1N955 - 4000000000V	1N4947 - 108.5V	1N5563 - 20V