

Voltage Regulator Diodes

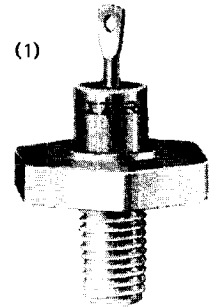
Diodi Regolatori di Tensione

Z-Dioden

Diodes Zener

$P_{tot} = 50W$
 $T_{case} = 75^{\circ}C$
 Bulletin 2210

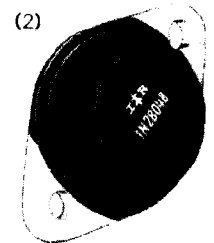
| Type | | V _Z @ I _{ZT} | | | I _{ZT} mA | r _Z @ I _{ZT} Ω | I _Z (max.) A | Outline |
|----------|----------|----------------------------------|----------|----------|-----------------------|--|-------------------------------|---------|
| (1) | (2) | Min V | Nom V | Max V | | | | |
| †1N4549B | †1N4557B | 3.7 | 3.9 | 4.1 | 3200 | 0.16 | 11.9 | |
| 1N4550B | 1N4558B | 4.08 | 4.3 | 4.52 | 2900 | 0.16 | 10.65 | |
| 1N4551B | 1N4559B | 4.46 | 4.7 | 4.94 | 2650 | 0.12 | 9.7 | |
| 1N4552B | 1N4560B | 4.84 | 5.1 | 5.35 | 2450 | 0.12 | 8.9 | |
| 1N4553B | 1N4561B | 5.32 | 5.6 | 5.88 | 2250 | 0.12 | 8.1 | |
| 1N4554B | 1N4562B | 5.89 | 6.2 | 6.51 | 2000 | 0.14 | 7.3 | |
| 1N4555B | 1N4563B | 6.46 | 6.8 | 7.14 | 1850 | 0.16 | 6.65 | |
| 1N3305B | 1N2804B | 6.46 | 6.8 | 7.14 | 1850 | 0.2 | 6.6 | |
| 1N4556B | 1N4564B | 7.13 | 7.5 | 7.88 | 1650 | 0.24 | 6.05 | |
| 1N3306B | 1N2805B | 7.13 | 7.5 | 7.88 | 1700 | 0.3 | 5.9 | |
| 1N3307B | 1N2806B | 7.8 | 8.2 | 8.6 | 1500 | 0.4 | 5.2 | |
| 1N3308B | 1N2807B | 8.55 | 9.1 | 9.55 | 1370 | 0.5 | 4.8 | |
| 1N3309B | 1N2808B | 9.5 | 10 | 10.5 | 1200 | 0.6 | 4.3 | |
| 1N3310B | 1N2809B | 10.4 | 11 | 11.55 | 1100 | 0.8 | 3.9 | |
| 1N3311B | 1N2810B | 11.4 | 12 | 12.6 | 1000 | 1 | 3.6 | |
| 1N3312B | 1N2811B | 12.3 | 13 | 13.7 | 950 | 1.1 | 3.3 | |
| 1N3313B | 1N2812B | 13.3 | 14 | 14.7 | 890 | 1.2 | 3 | |
| 1N3314B | 1N2813B | 14.2 | 15 | 15.8 | 830 | 1.4 | 2.8 | |
| 1N3315B | 1N2814B | 15.2 | 16 | 16.8 | 780 | 1.6 | 2.65 | |
| 1N3316B | 1N2815B | 16.1 | 17 | 17.9 | 740 | 1.8 | 2.5 | |
| 1N3317B | 1N2816B | 17.1 | 18 | 18.9 | 700 | 2 | 2.3 | |
| 1N3318B | 1N2817B | 18 | 19 | 20 | 660 | 2.2 | 2.2 | 8 |
| 1N3319B | 1N2818B | 19 | 20 | 21 | 630 | 2.4 | 2.1 | or |
| 1N3320B | 1N2819B | 20.9 | 22 | 23.1 | 570 | 2.5 | 1.9 | 12 |
| 1N3321B | 1N2820B | 22.8 | 24 | 25.2 | 520 | 2.6 | 1.75 | |
| 1N3322B | 1N2821B | 23.7 | 25 | 26.3 | 500 | 2.7 | 1.55 | |
| 1N3323B | 1N2822B | 25.6 | 27 | 28.3 | 460 | 2.8 | 1.5 | |
| 1N3324B | 1N2823B | 28.5 | 30 | 31.5 | 420 | 3 | 1.4 | |
| 1N3325B | 1N2824B | 31.3 | 33 | 34.7 | 380 | 3.2 | 1.3 | |
| 1N3326B | 1N2825B | 34.2 | 36 | 37.8 | 350 | 3.5 | 1.15 | |
| 1N3327B | 1N2826B | 37 | 39 | 41 | 320 | 4 | 1.05 | |
| 1N3328B | 1N2827B | 40.1 | 43 | 45.2 | 290 | 4.5 | 0.975 | |
| 1N3329B | 1N2828B | 42.7 | 45 | 47.3 | 280 | 4.5 | 0.93 | |
| 1N3330B | 1N2829B | 44.6 | 47 | 49.4 | 270 | 5 | 0.88 | |
| 1N3331B | 1N2830B | 47.5 | 50 | 52.7 | 250 | 5 | 0.83 | |
| 1N3332B | 1N2831B | 48.5 | 51 | 53.5 | 245 | 5.2 | 0.81 | |
| 1N3333B | — | 49.4 | 52 | 54.6 | 240 | 5.5 | 0.79 | |
| 1N3334B | 1N2832B | 53.2 | 56 | 58.8 | 220 | 6 | 0.74 | |
| 1N3335B | 1N2833B | 58.8 | 62 | 65.2 | 200 | 7 | 0.66 | |
| 1N3336B | 1N2834B | 64.5 | 68 | 71.4 | 180 | 8 | 0.6 | |
| 1N3337B | 1N2835B | 71.3 | 75 | 78.7 | 170 | 9 | 0.54 | |
| 1N3338B | 1N2836B | 78.9 | 82 | 86 | 150 | 11 | 0.49 | |
| 1N3339B | 1N2837B | 86.5 | 91 | 95.5 | 140 | 15 | 0.42 | |
| 1N3340B | 1N2838B | 95 | 100 | 105 | 120 | 20 | 0.4 | |



(1)
 1N3305B 1N3340B
 1N4549B 1N4556B

Data Sheet Live

†The types listed are stud anode and 5% tolerance. To specify 10% tolerance change suffix to 'A', to specify stud cathode change suffix to RA or RB [10]



(2)
 1N4557B 1N4564B
 1N2804B 1N2838B