

QPL Products

| 1N Part Numbers | | | | | | SMT Type | Slash Sheet | Qual Level ⁽¹⁾ | Description <i>(Click for DLA Approval Letter)</i> |
|-----------------|------|--------|------|------|------|----------|-------------|---------------------------|---|
| 3595-1 | | | | | | US | 241 | JANS | Vf Controlled Diode |
| 3611 | 3612 | 3613 | 3614 | 3957 | | None | 228 | JANTXV | 1 Amp General Purpose Rectifier |
| 4099-1 | to | 4120-1 | | | | UR-1 | 435 | JANS | 500mW Zener Diode |
| 4245 | 4246 | 4247 | 4248 | 4249 | | None | 286 | JANTXV | 1 Amp General Purpose Rectifier |
| 4460 | 4461 | 4467 | to | 4496 | | US | 406 | JANS | 1.5W Zener Diode |
| 4942 | 4944 | 4946 | 4947 | 4948 | | None | 359 | JANTXV | 1 Amp Fast Recovery Rectifier |
| 4958 | to | 4989 | | | | US | 356 | JANS | 5W Zener Diode |
| 5186 | 5187 | 5188 | 5190 | | | None | 424 | JANTXV | 3 Amp Fast Recovery Rectifier |
| 5415 | 5416 | 5417 | 5418 | 5419 | 5420 | US | 411 | JANS | 3 Amp Fast Recovery Rectifier |
| 5550 | 5551 | 5552 | 5553 | 5554 | | US | 420 | JANS | 3 Amp General Purpose Rectifier |
| 5555 | to | 5557 | | | | None | 500 | JANTXV | 1500W Unipolar TVS DO-13 |
| 5614 | 5616 | 5618 | 5620 | 5622 | | US | 427 | JANS | 1 Amp General Purpose Rectifier |
| 5615 | 5617 | 5619 | 5621 | 5623 | | US | 429 | JANS | 1 Amp Fast Recovery Rectifier |
| 5635A | to | 5661A | | | | None | 500 | JANTXV | 1500W Unipolar TVS DO-13 |
| 5802 | 5804 | 5806 | | | | US | 477 | JANS | 1 Amp Ultrafast Rectifier |
| 5807 | 5809 | 5811 | | | | US | 477 | JANS | 3 Amp Ultrafast Rectifier |
| 5812 | 5814 | 5816 | | | | None | 478 | JANS | 20 Amp Ultrafast Rectifier DO-4 |
| 6041A | to | 6067A | | | | None | 507 | JANTXV | 1500W Bi-directional TVS DO-13 |
| 6105A | to | 6137A | | | | US | 516 | JANS | 500W Bi-directional TVS |
| 6324 | to | 6351 | | | | US | 533 | JANS | 500mW Zener Diode |
| 6620 | 6621 | 6622 | 6623 | 6624 | 6625 | U or US | 585 | JANS | 1 Amp Ultrafast Rectifier |
| 6626 | 6627 | 6628 | 6629 | 6630 | 6631 | U or US | 590 | JANS | 2 Amp Ultrafast Rectifier |
| 6638 | 6642 | 6643 | | | | U & US | 578 | JANS | Small Signal Switching Diode |
| 6639 | 6640 | 6641 | | | | US | 609 | JANS | Small Signal Switching Diode |

QPL Product Development Roadmap

| 1N Part Numbers | | | | | | SMT Type | Slash Sheet | Dev Status | Description |
|-----------------|--------|-------|--------|-------|--|-----------|-------------|------------|--------------------------------------|
| 645-1 | to | 649-1 | | | | None | 240 | Dev | 400 mA General Purpose Rectifier |
| 3890 | to | 3893 | | | | None | 304 | Dev | 20 Amp Fast Recovery Rectifier DO-4 |
| 4990 | to | 4996 | | | | US | 356 | RM | 5W Zener Diode |
| 5558 | | | | | | None | 500 | Dev | 1500W Unipolar TVS DO-13 |
| 5629A | to | 5634A | | | | None | 500 | Dev | 1500W Unipolar TVS DO13 |
| 5662A | to | 5665A | | 5907A | | None | 500 | Dev | 1500W Unipolar TVS DO13 |
| 5711-1 | | | | | | UR-1 | 444 | Dev | 70 Volt Schottky Diode |
| 5819-1 | | | | | | UR-1 | 586 | Dev | 45 Volt Schottky Diode |
| 5822 | | | | | | US | 620 | RM | 45 Volt Schottky Diode |
| 6036A | 6037A | 6038A | 6039A | 6040A | | None | 507 | Dev | 1500W Bi-directional TVS DO-13 |
| 6068A | 6069A | 6070A | 6071A | 6072A | | None | 507 | Dev | 1500W B-directional TVS DO-13 |
| 6138A | to | 6173A | | | | US | 516 | Dev | 1500W Bi-directional TVS |
| 6304 | to | 6306 | | | | None | 550 | Dev | 70 Amp Ultrafast Rectifier DO-5 |
| 6677-1 | | | | | | UR-1 | 610 | Dev | 40 Volt Schottky Diode |
| 7038 | 7039 | 7047 | 7058 | | | SMD-0.5/1 | 731/737 | Dev | 150 Volt Schottky Rectifiers |
| M19500/ | 469-01 | to | 469-03 | | | None | 469 | Dev | 10 Amp Single Phase Bridge Rectifier |
| M19500/ | 483-01 | to | 483-03 | | | None | 483 | Dev | 25 Amp Three Phase Bridge Rectifier |

Note(1): JANS = JANS Qualified, JANJANTXV = JANJANTXV Qualified, Dev = In Development, RM = On development roadmap

ALL JAN QUALIFIED PRODUCTS ARE HOT SOLDER DIPPED