

QPL Products

| 1N Part Numbers | | | | | | SMT Type | Slash Sheet | Qual Level | Description <i>(Click for DLA Approval Letter)</i> |
|-----------------|--------|--------|--------|------|------|----------|-------------|------------|---|
| 3595-1 | | | | | | US | 241 | JANS | Vf Controlled Diode |
| 3611 | 3612 | 3613 | 3614 | 3957 | | None | 228 | JANTX | 1 Amp General Purpose Rectifier |
| 3890/R | to | 3893/R | | | | None | 304 | JANTXV | 20 Amp Fast Recovery Rectifier DO-4 |
| 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 |
| 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 | 5558 | | | | 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 |
| 5629A | to | 5665A | and | 5907 | | 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/R | 5814/R | 5816/R | | | | None | 478 | JANS | 20 Amp Ultrafast Rectifier DO-4 |
| 6036A | to | 6072A | | | | None | 507 | JANTXV | 1500W Bi-directional TVS DO-13 |
| 6105A | to | 6137A | | | | US | 516 | JANS | 500W Bi-directional TVS |
| 6304 | to | 6306 | | | | None | 550 | JANTXV | 70 Amp Ultrafast Rectifier DO-5 |
| 6325 | 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 |
| M19500/ | 469-01 | to | 469-03 | | | None | 469 | JANTXV | 10 Amp Single Phase Bridge Rectifier |
| M19500/ | 483-01 | to | 483-03 | | | None | 483 | JANTXV | 25 Amp Three Phase Bridge Rectifier |

QPL Product Development Roadmap

| 1N Part Numbers | | | | | | SMT Type | Slash Sheet | Dev Status ⁽¹⁾ | Description |
|-----------------|----|-------|--|--|--|----------|-------------|---------------------------|----------------------------------|
| 645-1 | to | 649-1 | | | | None | 240 | Dev | 400 mA General Purpose Rectifier |
| 4990 | to | 4996 | | | | US | 356 | RM | 5W Zener Diode |
| 5819-1 | | | | | | UR-1 | 586 | Dev | 45 Volt Schottky Diode |

Note(1): JANS = JANS Qualified, JAN/JANTXV = JAN/JANTXV Qualified, Dev = In development, RM = On development roadmap

ALL JAN QUALIFIED PRODUCTS ARE HOT SOLDER DIPPED

QPL Die Products

| 1N Part Number | | | | | | Slash Sheet | Prefix, Qualified to | Description |
|----------------|------|-------|--|--|--|-------------|--------------------------------|------------------------------|
| 3595-1 | | | | | | 241 | JANHCD/JANKCD | Vf Controlled Diode |
| 757A | to | 759A | | | | 127 | JANHCD/JANKCD | 500 mW Zener Diode |
| 914 | | | | | | 116 | JANHCC/JANKCC JANHCD/JANKCD | Small Signal Switching Diode |
| 962B | to | 992B | | | | 117 | JANHCD/JANKCD | 500 mW Zener Diode |
| 3070 | | | | | | 169 | JANHCC/JANKCC | Small Signal Switching Diode |
| 4099 | to | 4135 | | | | 435 | JANHCD/JANKCD | 500mW Zener Diode |
| 4148 | | | | | | 116 | JANHCC/JANKCC JANHCD/JANKCD | Small Signal Switching Diode |
| 4460 | to | 4496 | | | | 406 | JANHCA/JANKCA | 1.5W Zener Diode |
| 4954 | to | 4996 | | | | 356 | JANHCD/JANKCD | 5W Zener Diode |
| 5526B | to | 5546B | | | | 437 | JANHCD/JANKCD | Low Noise Voltage Regulator |
| 5802 | 5804 | 5806 | | | | 477 | JANHCH/JANKCH JANHCF/JANKCF | 150 Volt Ultrafast Rectifier |
| 5807 | 5809 | 5811 | | | | 477 | JANHCH/JANKCH JANHCF/JANKCF | 150 Volt Ultrafast Rectifier |
| 6325 | to | 6351 | | | | 533 | JANHCB/JANKCB | 500 mW Zener Diode |
| 6638 | 6642 | 6643 | | | | 578 | JANHCD/JANKCD JANHCE/JANKCE | Small Signal Switching Diode |