

4. SWITCHING DIODES/RECTIFIERS

IN ORDER OF: (1) RECOVERY TIME (2) PIV & (3) TYPE No.

| LINE No. | TYPE No. | PIV (V) | RECOVERY TIME TEST CONDITIONS | | | | | | | | MIN. FORWARD CURRENT at 25°C | | MAX. REVERSE CURRENT @ 25°C & Vr | | TEMP T (°C) | TEST VOLT Vr (V) | CAP. at ZERO VOLTS (F) | ABSOLUTE MAX. RATING | | DESCRIPTION | DWG. No. | |
|----------|------------|---------|-------------------------------|--------|--------|--------|--------|--------|-------|--------------|------------------------------|-----------|----------------------------------|---------------|-------------|------------------|------------------------|----------------------|-----------|-------------|----------|----------------|
| | | | trr (s) | If (A) | Vr (V) | Zr (Ω) | Ir (A) | RL (Ω) | C K T | di/dt (A/us) | IF (A) | at Vf (V) | Ir (A) | at T & Vr (A) | | | | TEMP T (°C) | FWD I (A) | | | MAX. TEMP (°C) |
| | | | | | | | | | | | | | | | | | | | | | | |
| 1 | R7003003UA | 3.0k | 15u | 1.5k | | | | | | | | | | | | | 470 | 175J | Si | S426 | | |
| 2 | R7003503UA | 3.5k | 15u | 1.5k | | | | | | | | | | | | | 470 | 175J | Si | S426 | | |
| 3 | R7004003UA | 4.0k | 15u | 1.5k | | | | | | | | | | | | | 470 | 175J | Si | S426 | | |
| 4 | 1N4001GP | 50 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 5 | GP10A | 50 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 6 | 1N4002GP | 100 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 7 | GP10B | 100 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 8 | 1N4003GP | 200 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 9 | 1S84H | 200 | 20u | 30m | 30 | | | 1.0m | 2.0k | | | | | | | | 3.0p | 100m | 125J | SiΔ | DO7 | |
| 10 | GP10D | 200 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 11 | 1N4004GP | 400 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 12 | GP10G | 400 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 13 | 1N4005GP | 600 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 14 | GP10J | 600 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 15 | 1N4006GP | 800 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 16 | GP10K | 800 | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 17 | 1N4007GP | 1.0k | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 18 | GP10M | 1.0k | 20u | 20m | | | | 1.0m | | | | | | | | | 15pΔ | 1.0 | 175A | Si | DO41 | |
| 19# | BY223 | 1.5k | 20u | 4.0 | | | | | | 200m | 20 | 2.3 Δ | | | | | | | | SiΔ | M754 | |
| 20# | RG602F | 200 | 22u# | 30 | | | | | | | 20 | 1.5 | | | | | | | | Si | DO5 | |
| 21# | RG604F | 400 | 22u# | 30 | | | | | | | 20 | 1.5 | | | | | | | | Si | DO5 | |
| 22# | RG606F | 600 | 22u# | 30 | | | | | | | 20 | 1.5 | | | | | | | | Si | DO5 | |
| 23# | RG608F | 800 | 22u# | 30 | | | | | | | 20 | 1.5 | | | | | | | | Si | DO5 | |
| 24# | RG610F | 1.0k | 22u# | 30 | | | | | | | 20 | 1.5 | | | | | | | | Si | DO5 | |
| 25 | MR1-1200 | 1.2k | 25u | 20m | | | | 2.0m | | | | 1.0 | 1.1 Δ | 10u | 100u | 100J | 1.2k | 4.0p | 1.0 | 175J | Si | A1f |
| 26 | MR1-1400 | 1.4k | 25u | 20m | | | | 2.0m | | | | 1.0 | 1.1 Δ | 10u | 100u | 100J | 1.4k | 4.0p | 1.0 | 175J | Si | A1f |
| 27 | MR1-1600 | 1.6k | 25u | 20m | | | | 2.0m | | | | 1.0 | 1.1 Δ | 10u | 100u | 100J | 1.6k | 4.0p | 1.0 | 175J | Si | A1f |
| 28# | SV2014F | 1.4k | 35u# | 50 | | | | | | | 10 | 450 | 1.6 | 20m | | | | | | Si | DO8 | |
| 29# | CG1-25-2F | 200 | 70u# | 200 | | | | | | | 50 | 1.0k | 1.6 | | 25m | 125C | 200 | | | Si | DO8 | |
| 30# | KU1002F | 200 | 70u# | 50 | | | 50 | | | | | 300 | 1.4 Δ | | 10m | 125J | 200 | 100 | 125J | Si | S421 | |
| 31# | SV2002F | 200 | 70u# | 50 | | | | | | | 20 | 450 | 1.6 | | 20m | | 200 | | | Si | DO8 | |
| 32# | TV3002F | 200 | 70u# | 200 | | | | | | | 50 | 750 | 1.5 | | 25m | | 200 | | | Si | DO9 | |
| 33# | KU1003F | 300 | 70u# | 50 | | | 50 | | | | | 300 | 1.4 Δ | | 10m | 125J | 300 | 100 | 125J | Si | S421 | |
| 34# | CG1-25-4F | 400 | 70u# | 200 | | | | | | | 50 | 1.0k | 1.6 | | 25m | 125C | 400 | | | Si | DO8 | |
| 35# | KU1004F | 400 | 70u# | 50 | | | 50 | | | | | 300 | 1.4 Δ | | 10m | 125J | 400 | 100 | 125J | Si | S421 | |
| 36# | SV2004F | 400 | 70u# | 50 | | | | | | | 20 | 450 | 1.6 | | 20m | | 400 | | | Si | DO8 | |
| 37# | TV3004F | 400 | 70u# | 200 | | | | | | | 50 | 750 | 1.5 | | 25m | | 400 | | | Si | DO9 | |
| 38# | CG1-25-6F | 600 | 70u# | 200 | | | | | | | 50 | 1.0k | 1.6 | | 25m | 125C | 600 | | | Si | DO8 | |
| 39# | KU1006F | 600 | 70u# | 50 | | | 50 | | | | | 300 | 1.4 Δ | | 10m | 125J | 600 | 100 | 125J | Si | S421 | |
| 40# | SV2006F | 600 | 70u# | 50 | | | | | | | 20 | 450 | 1.6 | | 20m | | 600 | | | Si | DO8 | |
| 41# | TV3006F | 600 | 70u# | 200 | | | | | | | 50 | 750 | 1.5 | | 25m | | 600 | | | Si | DO9 | |
| 42# | CG1-25-8F | 800 | 70u# | 200 | | | | | | | 50 | 1.0k | 1.6 | | 25m | 125C | 800 | | | Si | DO8 | |
| 43# | KU1008F | 800 | 70u# | 50 | | | 50 | | | | | 300 | 1.4 Δ | | 10m | 125J | 800 | 100 | 125J | Si | S421 | |
| 44# | SV2008F | 800 | 70u# | 50 | | | | | | | 20 | 450 | 1.6 | | 20m | | 800 | | | Si | DO8 | |
| 45# | TV3008F | 800 | 70u# | 200 | | | | | | | 50 | 750 | 1.5 | | 25m | | 800 | | | Si | DO9 | |
| 46# | CG1-25-10F | 1.0k | 70u# | 200 | | | | | | | 50 | 1.0k | 1.6 | | 25m | 125C | 1.0k | | | Si | DO8 | |
| 47# | KU1010F | 1.0k | 70u# | 50 | | | 50 | | | | | 300 | 1.4 Δ | | 10m | 125J | 1.0k | 100 | 125J | Si | S421 | |
| 48# | SV2010F | 1.0k | 70u# | 50 | | | | | | | 20 | 450 | 1.6 | | 20m | | 1.0k | | | Si | DO8 | |
| 49# | TV3010F | 1.0k | 70u# | 200 | | | | | | | 50 | 750 | 1.5 | | 25m | | 1.0k | | | Si | DO9 | |
| 50# | CG1-25-12F | 1.2k | 70u# | 200 | | | | | | | 50 | 1.0k | 1.6 | 25m | | | 1.2k | | | Si | DO8 | |
| 51# | SV2012F | 1.2k | 70u# | 50 | | | | | | | 20 | 450 | 1.6 | | 20m | | 1.2k | | | Si | DO8 | |
| 52# | TV3012F | 1.2k | 70u# | 200 | | | | | | | 50 | 750 | 1.5 | | 25m | | 1.2k | | | Si | DO9 | |
| 53# | CG1-25-14F | 1.4k | 70u# | 200 | | | | | | | 20 | 1.0k | 1.7 | 40m | | | 1.4k | | | Si | M771 | |
| 54# | TV3014F | 1.4k | 70u# | 200 | | | | | | | 20 | 750 | 1.6 | 40m | | | 1.4k | | | Si | DO9 | |
| 55# | CG1-25-15F | 1.5k | 70u# | 200 | | | | | | | 20 | 1.0k | 1.7 | 40m | | | 1.5k | | | Si | M771 | |
| 56# | TV3015F | 1.5k | 70u# | 200 | | | | | | | 20 | 750 | 1.6 | 40m | | | 1.5k | | | Si | DO9 | |
| 57# | KD514A | 10 | 100u | | | | | | | | | 10m | 1.0 Δ | 5.0u | | | 900f | 10m | 100A | Si# | A344m | |
| 58# | SFD4471 | 20 | 200u* | 10m | 10 | | | 25m | 100 | | | | | 10u | | | 20 | 1.0p | 175S | Si | DO17 | |
| 59 | LC15 | 15k | 300u | 12m | | | | 25m | | | | | | 250n | 10u | 85 | 15k | 1.0p | 10m | 90A | Si | A12u |
| 60 | LC20 | 20k | 300u | 12m | | | | 25m | | | | | | 250n | 10u | 85 | 20k | 1.0p | 10m | 90A | Si | A12u |
| 61 | LC25 | 25k | 300u | 12m | | | | 25m | | | | | | 250n | 10u | 85 | 25k | 1.0p | 10m | 90A | Si | A12u |
| 62 | LC30 | 30k | 300u | 12m | | | | 25m | | | | | | 250n | 10u | 85 | 30k | 1.0p | 10m | 90A | Si | A12u |
| 63# | SFD4472 | 40 | 400u* | 10m | 10 | | | | 100 | | | | | 10u | | | 40 | 1.2p | 175S | Si | DO17 | |
| 64# | SFD4473 | 60 | 600u* | 10m | 10 | | | | 100 | | | | | 10u | | | 60 | 1.5p | 175S | Si | DO17 | |
| 65 | S3A8F | 800 | 250 | 500m | | | | 250m | | | | 3.0 | 1.1 Δ | 1.0u | | | 800 | 50p | 3.0 | 175A | Si Δ | A1ey |