

Standard Recovery Rectifiers

Microsemi
ANALOG, POWER AND SIGNAL

REC

| Part Number | Microsemi Division | Package Outline | Type | Mil Spec | Data Sheet ID | IO (Amps) | VR (Volts) | IFSM (Amps) | VF @ IO (Volts) | IR (uA) | trr (nsec) |
|--------------|--------------------|-----------------|------|----------|---------------|-----------|------------|-------------|-----------------|---------|------------|
| 1N1185A | Colorado | DO-5 | STD | | 1127 | 40 | 150 | 800 | 0.95 | 40 | 5000 |
| 1N1186 | Colorado | DO-5 | STD | 297 | 1128 | 40 | 200 | 800 | 0.95 | 40 | 5000 |
| 1N1186A | PPC, Inc. | DO-5 | STD | | 24060 | 40 | 200 | 800 | 1.2 | 2 | 3000 |
| 1N1186A | Colorado | DO-5 | STD | | 1129 | 40 | 200 | 800 | 0.95 | 40 | 5000 |
| JAN1N1186 | Colorado | DO-5 | STD | 297 | 6900 | 40 | 200 | 500 | 0.95 | 10 | 5000 |
| JANTX1N1186 | Colorado | DO-5 | STD | 297 | 8705 | 40 | 200 | 500 | 0.95 | 10 | 5000 |
| JANTXV1N1186 | Colorado | DO-5 | STD | 297 | 10190 | 40 | 200 | 500 | 0.95 | 10 | 5000 |
| PPR54002 | PPC, Inc. | DO-5 | STD | | 24059 | 40 | 200 | 500 | 1.2 | 0.5 | 3000 |
| R30420 | Colorado | DO-5 | STD | | 20251 | 40 | 200 | 800 | 0.95 | 40 | 5000 |
| S30420 | Colorado | DO-5 | STD | | 20360 | 40 | 200 | 800 | 0.95 | 40 | 5000 |
| ST6020 | Colorado | TO-3 | STD | | 21142 | 40 | 200 | 400 | | 5 | 5000 |
| ST6020A | Colorado | TO-3 | STD | | 21143 | 40 | 200 | 400 | | 5 | 5000 |
| 1N1187 | Colorado | DO-5 | STD | | 1130 | 40 | 300 | 800 | 0.95 | 40 | 5000 |
| 1N1187A | PPC, Inc. | DO-5 | STD | | 24057 | 40 | 300 | 800 | 1.2 | 2 | 3000 |
| 1N1187A | Colorado | DO-5 | STD | | 1131 | 40 | 300 | 800 | 0.95 | 40 | 5000 |
| 1N1188 | Colorado | DO-5 | STD | | 1132 | 40 | 400 | 800 | 0.95 | 40 | 5000 |
| 1N1188A | Colorado | DO-5 | STD | | 1133 | 40 | 400 | 800 | 0.95 | 40 | 5000 |
| 1N1188A | PPC, Inc. | DO-5 | STD | | 24054 | 40 | 400 | 800 | 1.2 | 2 | 3000 |
| JAN1N1188 | Colorado | DO-5 | STD | 297 | 6901 | 40 | 400 | 500 | 0.95 | 10 | 5000 |
| JANTX1N1188 | Colorado | DO-5 | STD | 297 | 8706 | 40 | 400 | 500 | 0.95 | 10 | 5000 |
| JANTXV1N1188 | Colorado | DO-5 | STD | 297 | 10191 | 40 | 400 | 500 | 0.95 | 10 | 5000 |
| PPR54004 | PPC, Inc. | DO-5 | STD | | 24053 | 40 | 400 | 500 | 1.2 | 0.5 | 3000 |
| R30440 | Colorado | DO-5 | STD | | 20252 | 40 | 400 | 800 | 0.95 | 40 | 5000 |
| S30440 | Colorado | DO-5 | STD | | 20361 | 40 | 400 | 800 | 0.95 | 40 | 5000 |
| S40A4 | PPC, Inc. | DO-5 | STD | | 24056 | 40 | 400 | 600 | 1.1 | 2 | 3000 |
| 1N1189 | Colorado | DO-5 | STD | | 1134 | 40 | 500 | 800 | 0.95 | 40 | 5000 |
| 1N1189A | PPC, Inc. | DO-5 | STD | | 24051 | 40 | 500 | 800 | 1.2 | 2 | 3000 |
| 1N1189A | Colorado | DO-5 | STD | | 1135 | 40 | 500 | 800 | 0.95 | 40 | 5000 |
| 1N1190 | Colorado | DO-5 | STD | | 1136 | 40 | 600 | 800 | 0.95 | 40 | 5000 |
| 1N1190A | PPC, Inc. | DO-5 | STD | | 24047 | 40 | 600 | 800 | 1.2 | 2 | 3000 |
| 1N1190A | Colorado | DO-5 | STD | | 1137 | 40 | 600 | 800 | 0.95 | 40 | 5000 |
| JAN1N1190 | Colorado | DO-5 | STD | 297 | 6902 | 40 | 600 | 500 | 0.95 | 10 | 5000 |
| JANTX1N1190 | Colorado | DO-5 | STD | 297 | 8707 | 40 | 600 | 500 | 0.95 | 10 | 5000 |
| JANTXV1N1190 | Colorado | DO-5 | STD | 297 | 10192 | 40 | 600 | 500 | 0.95 | 10 | 5000 |
| PPR54006 | PPC, Inc. | DO-5 | STD | | 24046 | 40 | 600 | 500 | 1.2 | 0.5 | 3000 |
| R30460 | Colorado | DO-5 | STD | | 20253 | 40 | 600 | 800 | 0.95 | 40 | 5000 |
| S30460 | Colorado | DO-5 | STD | | 20362 | 40 | 600 | 800 | 0.95 | 40 | 5000 |
| S40A6 | PPC, Inc. | DO-5 | STD | | 24050 | 40 | 600 | 600 | 1.1 | 2 | 3000 |
| PPR54008 | PPC, Inc. | DO-5 | STD | | 24043 | 40 | 800 | 500 | 1.2 | 0.5 | 3000 |
| R30480 | Colorado | DO-5 | STD | | 20254 | 40 | 800 | 800 | 0.95 | 40 | 5000 |
| S30480 | Colorado | DO-5 | STD | | 20363 | 40 | 800 | 800 | 0.95 | 40 | 5000 |
| S40A8 | PPC, Inc. | DO-5 | STD | | 24044 | 40 | 800 | 600 | 1.1 | 2 | 3000 |
| PPR54010 | PPC, Inc. | DO-5 | STD | | 24038 | 40 | 1000 | 500 | 1.2 | 0.5 | 3000 |
| R304100 | Colorado | DO-5 | STD | | 20249 | 40 | 1000 | 800 | 0.95 | 40 | 5000 |
| S304100 | Colorado | DO-5 | STD | | 20358 | 40 | 1000 | 800 | 0.95 | 40 | 5000 |

Section Organization: Standard Recovery Rectifier Parametric Section is organized by ascending IO (amps), followed by ascending VR (volts), and then by Part Number

General Notes:

1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
2. Forward Voltage (VF) when specified is at the rated IO. For VF @ IF refer to the product datasheets.
3. For detailed VF data refer to the product datasheets by using the fax on demand system or contacting the Microsemi manufacturing division.
4. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Microchip:](#)

[S40A8](#) [S40A6](#) [S40A4](#)