

Rethink the Possibilities
Discretes do Matter™



Surface Mount & Through-hole Packages

CentralTM
Semiconductor Corp.

www.centralsemi.com

Surface Mount Packages

(L x W x H) All dimensions are maximum values in mm.

All packages displayed in alphabetical order.

 D2PAK (TO-263) 16.6 x 10.4 x 4.8 • Rectifiers • TRIACs • SCRs	 DPAK (TO-252) 10.73 x 6.81 x 2.75 • Rectifiers • Transistors • TRIACs • SCRs	 HD DIP (TO-269AA) 4.9 x 7.0 x 2.7 • Bridge Rectifiers	 LPDIP (MICRO DIP) 6.7 x 5.15 x 1.45 • Bridge Rectifiers
 SMDIP (SDIP) 8.51 x 10.41 x 2.49 • Bridge Rectifiers	 SMA (DO-214AC) 5.59 x 2.92 x 2.62 • Diodes • Rectifiers • TVS/Zener	 SMAFL (SMAF) 4.9 x 2.6 x 1.1 • Diodes • Rectifiers • TVS/Zener	 SMB (DO-214AA) 5.59 x 3.81 x 2.44 • Diodes • Rectifiers • TVS/Zener
 SMBFL (SMBF) 5.5 x 3.7 x 1.1 • Diodes • Rectifiers • TVS/Zener	 SMC (DO-214AB) 8.13 x 6.22 x 2.62 • Diodes • Rectifiers • TVS/Zener	 SOD-123 3.9 x 1.8 x 1.35 • Diodes • Rectifiers • Zeners	 SOD-123F (DO-219AB) 3.95 x 1.95 x 1.08 • Diodes • Rectifiers • TVS/Zener
 SOD-123FL (DO-219AD) 3.7 x 1.7 x 0.8 • CLDs	 SOD-323 (SC-76) 2.6 x 1.35 x 1.0 • Diodes • Zeners	 SOD-323FL (MICRO SMP) 1.95 x 1.4 x 0.85 • Rectifiers	 SOD-523 (SC-79) 1.80 x 0.9 x 0.8 • Diodes • TVS/Zener
 SOD-882 (X1-DFN1006-2) 1.05 x 0.65 x 0.55 • TVSs	 SOD-882L (X2-DFN1006-2) 1.05 x 0.65 x 0.4 • Diodes • TVSs	 SOD-923 1.10 x 0.65 x 0.41 • Diodes • TVSs	 SOIC-8 (SOP8) 6.18 x 5.01 x 1.71 • MOSFETs
 SOT-23 (TO-236AB) 3.05 x 2.49 x 1.09 • Single/ Dual Diodes • Transistors • Zeners • Stabistors • JFETs • MOSFETs • SCRs	 SOT-23F 3.00 x 2.50 x 1.0 • Diodes • Rectifiers • MOSFETs	 SOT-26 (SC-74) 3.0 x 3.0 x 1.2 • Dual Transistors • Dual/Triple Diodes • Stabistors • MOSFETs • TVS/Diode • TVS/Zener	 SOT-89 (TO-243AA) 4.7 x 4.5 x 1.7 • Diodes • Rectifiers • Transistors • MOSFETs • Zeners • TRIACs • SCRs
 SOT-143 (TO-253AA) 3.04 x 2.50 x 1.14 • Diodes • Bridge Rectifiers	 SOT-223 (TO-261AA) 6.7 x 7.3 x 1.8 • Rectifiers • Transistors • MOSFETs • TRIACs • SCRs	 SOT-323 (SC-70) 2.2 x 2.2 x 1.1 • Single/ Dual Diodes • Transistors • Zeners	 SOT-363 (SC-88) 2.2 x 2.3 x 1.1 • Rectifiers • Transistors • MOSFETs • TRIACs • SCRs



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For package details visit: web.centralsemi.com/product/packages

Surface Mount Packages (Continued)

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**SOT-523 (SC-89)**

1.7 x 1.7 x 0.78

- Single/Dual Diodes
- Transistors
- MOSFETs

**SOT-523W (SC-75)**

1.7 x 1.68 x 0.8

- Diodes

**SOT-543 (SC-75-4)**

1.7 x 1.7 x 0.6

- TVSSs

**SOT-563 (SC-89-6)**

1.7 x 1.7 x 0.6

- Single/Dual Transistors
- Dual/Triple Diodes
- Zeners
- MOSFETs
- Combinations

**SOT-883L (X2-DFN1006-3)**

1.05 x 0.65 x 0.4

- Transistors
- MOSFETs

**SOT-883VL (X3-DFN1006-3)**

1.05 x 0.65 x 0.32

- MOSFETs

**SOT-923**

1.10 x 0.65 x 0.41

- Transistors
- MOSFETs

**SOT-953**

1.05 x 1.05 x 0.5

- Diodes
- Transistors
- MOSFETs
- TVSSs

**SOT-963**

1.05 x 1.05 x 0.5

- Diodes
- MOSFETs

**TLM2D3D6 (DFN0603-2)**

0.65 x 0.35 x 0.32

- Diodes
- TVSSs/Zeners

**TLM322S (UDFN2020-3)**

2.05 x 2.05 x 0.6

- Rectifiers
- Transistors*
- MOSFETs*

**TLM364 (TO-277A)**

6.65 x 4.35 x 1.2

- Rectifiers

**TLM621 (DFN2010-6)**

2.15 x 1.15 x 0.8

- Diodes
- Transistors
- MOSFETs

**TLM621H (DFN2015-6)**

2.15 x 1.65 x 0.4

- Rectifiers
- Transistors
- MOSFETs

**TLM832DS (UDFN3020-8B)**

3.05 x 2.05 x 1.0

- Diodes*
- Transistors
- Rectifiers
- MOSFETs
- Combinations

**TLM833S (UDFN3030-8)**

3.15 x 3.15 x 1.0

- Transistors
- Rectifiers

**TLM1031 (UDFN10)**

2.55 x 1.05 x 0.6

- TVS/Diode

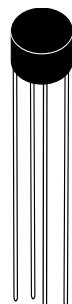
**UB**

3.18 x 2.67 x 1.4

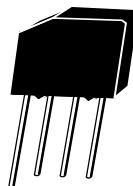
- Transistors
- JFETs

Standard Through-hole Packages

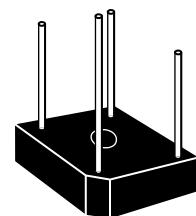
All packages displayed in alphabetical order.



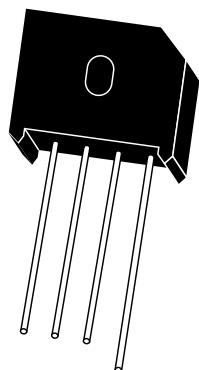
CASE A
• Bridge Rectifiers



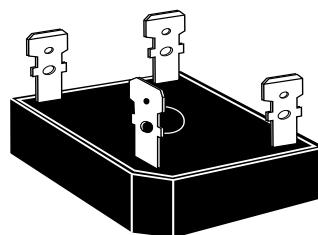
CASE B-M
• Bridge Rectifiers



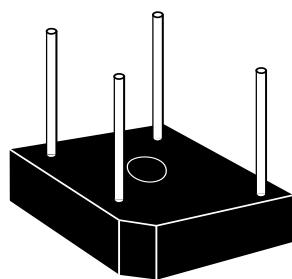
CASE CM
• Bridge Rectifiers



CASE DM
• Bridge Rectifiers



CASE FP
• Bridge Rectifiers



CASE FPW
• Bridge Rectifiers

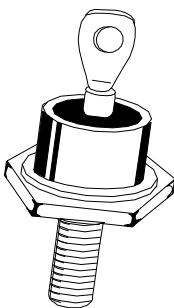


DIP
• Bridge Rectifiers

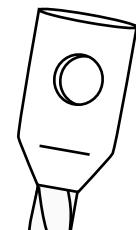
Standard Through-hole Packages (Continued)



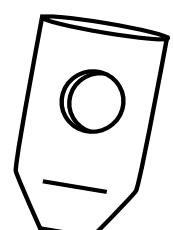
DO-4
• Zeners
• Rectifiers



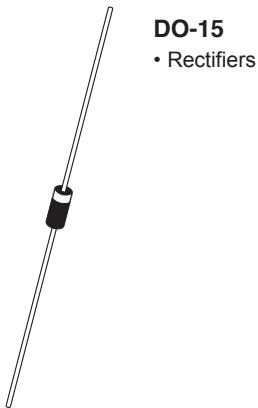
DO-5
• Zeners
• Rectifiers



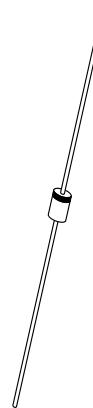
DO-8
• Rectifiers



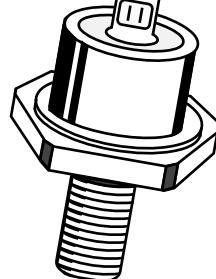
DO-9
• Rectifiers



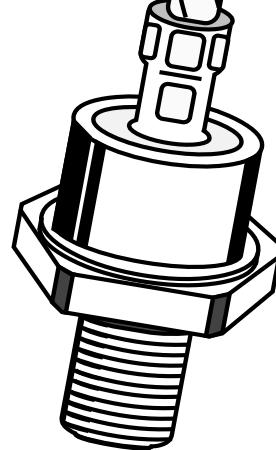
DO-15
• Rectifiers



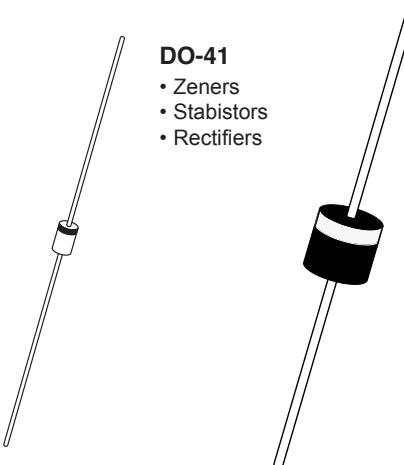
DO-35
• Diodes
• Stabistors
• Current Limiting Diodes (CLDs)
• DIACs



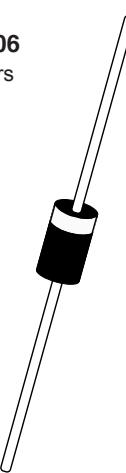
DO-201
• Zeners
• TVS
• Rectifiers



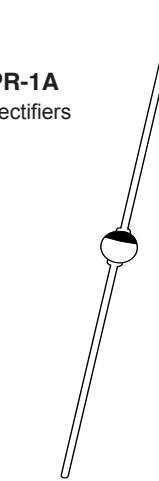
CASE 106
• Rectifiers



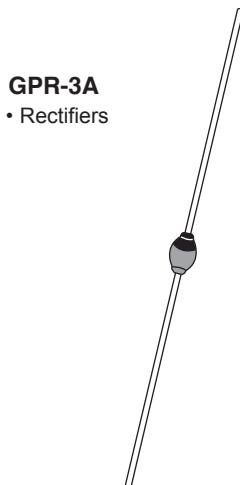
DO-41
• Zeners
• Stabistors
• Rectifiers



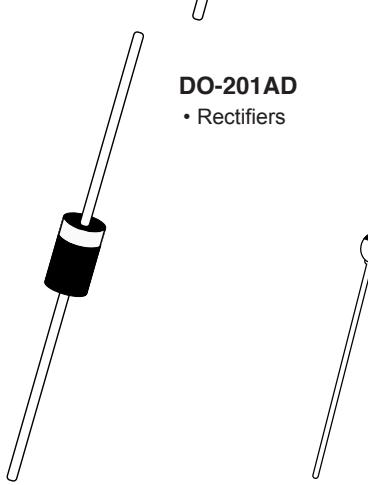
DO-201AD
• Rectifiers



GPR-1A
• Rectifiers

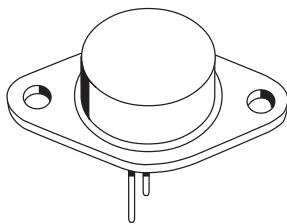


GPR-3A
• Rectifiers

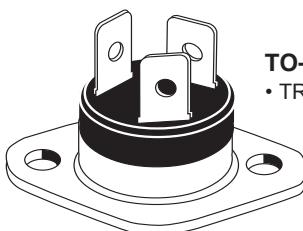


GPR-4AM
• Rectifiers

Standard Through-hole Packages (Continued)

**TO-3**

- Power Transistors
- Zener Diodes
- SCRs

**TO-3P**

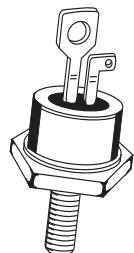
- TRIACs

**TO-18**

- Small Signal Transistors
- Junction FETs
- Silicon Diodes
- SCRs

**TO-39**

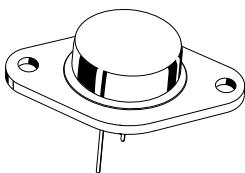
- Small Signal Transistors
- SCRs
- TRIACs

**TO-48**

- SCRs
- TRIACs

**TO-64**

- SCRs

**TO-66**

- Power Transistors

**TO-71**

- Small Signal Transistors

**TO-72**

- Small Signal Transistors
- Junction FETs

**TO-78**

- Small Signal Transistors

**TO-92**

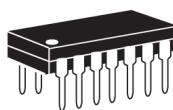
- Small Signal Transistors
- SCRs
- TRIACs
- Silicon Bilateral Switch (SBS)
- Programmable UJTs
- Unijunction Transistors (UJTs)

**TO-92-18R**

- Small Signal Transistors
- SCRs
- Programmable UJTs

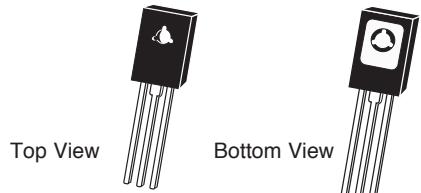
**TO-92HS**

- Small Signal Transistors

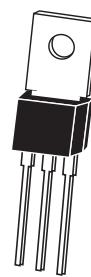
**TO-116**

- Small Signal Transistors

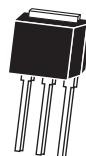
Standard Through-hole Packages (Continued)



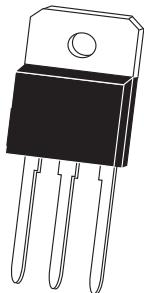
TO-126
• Power Transistors



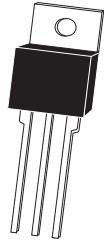
TO-202
• Power Transistors
• SCRs
• TRIACs



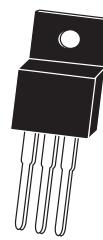
TO-202-2
(Optional Sheared Tab)
• Power Transistors
• SCRs
• TRIACs



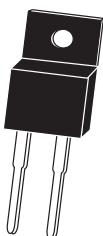
TO-218
• Power Transistors
• SCRs
• TRIACs



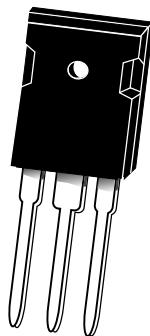
TO-220
(Standard)
• Power Transistors
• SCRs
• TRIACs



TO-220FP
(Optional)
• Power Transistors
• Rectifiers



TO-220FP 2 LEAD
• Power Transistors
• Rectifiers



TO-247
• Power Transistors



TO-257
• Diode
• Rectifier