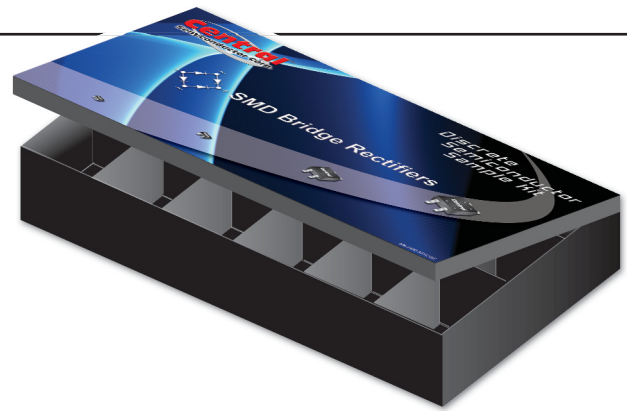


Discrete Semiconductor Sample Kit

Bridge Rectifiers

Central Semiconductor sample kits provide designers with the discrete semiconductor devices ideal for their latest design challenges. This sample kit include examples of Central Semiconductor devices most commonly used in applications that require full wave rectification.



Included in this kit:

CMKBR-6F Bridge Rectifier 60V, 140mA $V_F = 1.0V$ $I_R = 10nA$ SOT-363 Marking Code: CBR3	CBRHD-04 Bridge Rectifier 400V, 500mA $V_F = 1.0V$ $I_R = 5.0\mu A$ HD DIP Marking Code: CBD4	CBR1-D040S Bridge Rectifier 400V, 1.0A $V_F = 1.1V$ $I_R = 10\mu A$ SMDIP Marking Code: Full P/N	CBR1F-D020S Fast Recovery Bridge 200V, 1.0A $V_F = 1.3V, t_{rr} = 200ns$ $I_R = 5.0\mu A$ SMDIP Marking Code: Full P/N	CBR1U-D020S Ultra Fast Recovery 200V, 1.0A $V_F = 1.05V, t_{rr} = 50ns$ $I_R = 5.0\mu A$ SMDIP Marking Code: Full P/N	CBRHDSH2-40 Schottky Bridge 40V, 2.0A $V_F = 0.45V$ (typ) $I_R = 20\mu A$ (typ) HD DIP Marking Code: CSH2
CMFBR-6F Bridge Rectifier 60V, 140mA $V_F = 1.0V$ $I_R = 10nA$ SOT-143 Marking Code: CBR2	CBRHD-10 Bridge Rectifier 1000V, 500mA $V_F = 1.0V$ $I_R = 5.0\mu A$ HD DIP Marking Code: CBD10	CBR1-D080S Bridge Rectifier 800V, 1.0A $V_F = 1.1V$ $I_R = 10\mu A$ SMDIP Marking Code: Full P/N	CBR1F-D040S Fast Recovery Bridge 400V, 1.0A $V_F = 1.3V, t_{rr} = 200ns$ $I_R = 5.0\mu A$ SMDIP Marking Code: Full P/N	CBRHDSH1-40L Schottky Bridge 40V, 1.0A $V_F = 0.36V$ (typ) $I_R = 20\mu A$ (typ) HD DIP Marking Code: CSH1	CBRHDSH2-100 Schottky Bridge 100V, 2.0A $V_F = 0.61V$ (typ) $I_R = 0.7\mu A$ (typ) HD DIP Marking Code: CSH10
CBRHD-02 Bridge Rectifier 200V, 500mA $V_F = 1.0V$ $I_R = 5.0\mu A$ HD DIP Marking Code: CBD2	CBR1-D020S Bridge Rectifier 200V, 1.0A $V_F = 1.1V$ $I_R = 10\mu A$ SMDIP Marking Code: Full P/N	CBR1-D100S Bridge Rectifier 1000V, 1.0A $V_F = 1.1V$ $I_R = 10\mu A$ SMDIP Marking Code: Full P/N	CBR1U-D010S Ultra Fast Recovery 100V, 1.0A $V_F = 1.05V, t_{rr} = 50ns$ $I_R = 5.0\mu A$ SMDIP Marking Code: Full P/N	CBRHDSH1-100 Schottky Bridge 100V, 1.0A $V_F = 0.65V$ (typ) $I_R = 0.1\mu A$ (typ) HD DIP Marking Code: CSH110	CBRSDSH5-40 Schottky Bridge 40V, 5.0A $V_F = 0.37V$ (typ) $I_R = 40\mu A$ (typ) SMDIP Marking Code: Full P/N

Datasheets for the devices contained in this sample kit can be found at:
www.centrasemi.com/engineering/samplekits

For a complete listing of products
 manufactured by Central Semiconductor Corp., please visit
www.centrasemi.com

or call

631-435-1110

and an experienced and knowledgeable account
 representative will gladly provide assistance.

OUTSTANDING SUPPORT AND SUPERIOR SERVICES



PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2nd day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix " TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix " PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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