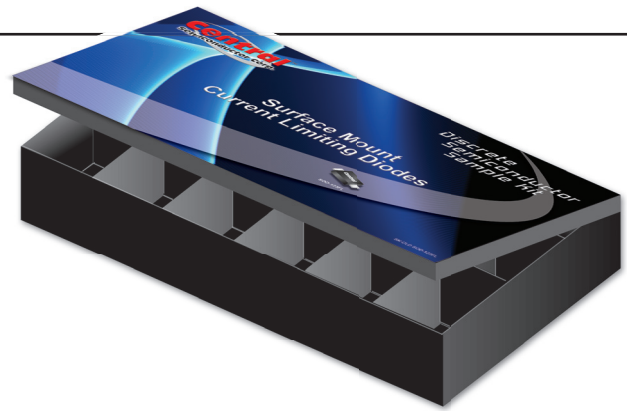


Discrete Semiconductor Sample Kit

Current Limiting Diodes

Central Semiconductor sample kits provide designers with the discrete semiconductor devices ideal to overcome the latest design challenges. This sample kit include examples of Central Semiconductor devices most commonly used in applications requiring precise regulation of current.



Included in this kit:

CMJ0130 $I_p=0.130\text{mA}$ $Z_T=6.0\text{M}\Omega$ MIN $Z_K=2,000\text{k}\Omega$ MIN $V_L=0.6\text{V}$ MAX SOD-123FL Marking Code: 101	CMJ0750 $I_p=0.760\text{mA}$ $Z_T=1.0\text{M}\Omega$ MIN $Z_K=200\text{k}\Omega$ MIN $V_L=1.4\text{V}$ MAX SOD-123FL Marking Code: 701	CMJ2000 $I_p=2.0\text{mA}$ $Z_T=0.35\text{M}\Omega$ MIN $Z_K=50\text{k}\Omega$ MIN $V_L=2.3\text{V}$ MAX SOD-123FL Marking Code: 202	CMJ4500 $I_p=4.5\text{mA}$ $Z_T=0.20\text{M}\Omega$ MIN $Z_K=10\text{k}\Omega$ MIN $V_L=3.7\text{V}$ MAX SOD-123FL Marking Code: 452	CMJH080 $I_p=8.2\text{mA}$ $Z_T=0.32\text{M}\Omega$ MIN $Z_K=15\text{k}\Omega$ MIN $V_L=3.1\text{V}$ MAX SOD-123FL Marking Code: 822	CMJH150 $I_p=15\text{mA}$ $Z_T=0.3\text{M}\Omega$ MIN $Z_K=2.0\text{k}\Omega$ MIN $V_L=4.3\text{V}$ MAX SOD-123FL Marking Code: 153
CMJ0300 $I_p=0.310\text{mA}$ $Z_T=4.0\text{M}\Omega$ MIN $Z_K=1,000\text{k}\Omega$ MIN $V_L=0.8\text{V}$ MAX SOD-123FL Marking Code: 301	CMJ1000 $I_p=1.1\text{mA}$ $Z_T=0.65\text{M}\Omega$ MIN $Z_K=100\text{k}\Omega$ MIN $V_L=1.7\text{V}$ MAX SOD-123FL Marking Code: 102	CMJ2700 $I_p=2.69\text{mA}$ $Z_T=0.30\text{M}\Omega$ MIN $Z_K=30\text{k}\Omega$ MIN $V_L=2.7\text{V}$ MAX SOD-123FL Marking Code: 272	CMJ5750 $I_p=5.75\text{mA}$ $Z_T=0.05\text{M}\Omega$ MIN $Z_K=5.0\text{k}\Omega$ MIN $V_L=4.5\text{V}$ MAX SOD-123FL Marking Code: 562	CMJH100 $I_p=10\text{mA}$ $Z_T=0.17\text{M}\Omega$ MIN $Z_K=6.0\text{k}\Omega$ MIN $V_L=3.5\text{V}$ MAX SOD-123FL Marking Code: 103	CMJH180 $I_p=18\text{mA}$ $Z_T=0.02\text{M}\Omega$ MIN $Z_K=1.8\text{k}\Omega$ MIN $V_L=4.6\text{V}$ MAX SOD-123FL Marking Code: 183
CMJ0500 $I_p=0.515\text{mA}$ $Z_T=2.0\text{M}\Omega$ MIN $Z_K=500\text{k}\Omega$ MIN $V_L=1.1\text{V}$ MAX SOD-123FL Marking Code: 501	CMJ1500 $I_p=1.5\text{mA}$ $Z_T=0.45\text{M}\Omega$ MIN $Z_K=70\text{k}\Omega$ MIN $V_L=2.0\text{V}$ MAX SOD-123FL Marking Code: 152	CMJ3500 $I_p=3.55\text{mA}$ $Z_T=0.25\text{M}\Omega$ MIN $Z_K=20\text{k}\Omega$ MIN $V_L=3.2\text{V}$ MAX SOD-123FL Marking Code: 352		CMJH120 $I_p=12\text{mA}$ $Z_T=0.08\text{M}\Omega$ MIN $Z_K=3.0\text{k}\Omega$ MIN $V_L=3.8\text{V}$ MAX SOD-123FL Marking Code: 123	

Datasheets for the devices contained in this sample kit can be found at:

www.centalsemi.com/engineering/samplekits

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

www.centalsemi.com

or call

631-435-1110

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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