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## Central Semiconductor's New CMJA5050 Adjustable Current Limiting Diode

press release



**Hauppauge, NY USA – August 18, 2020 – Central Semiconductor Corp.**, a leading manufacturer of innovative discrete semiconductor solutions, introduces its new adjustable current limiting diode, the CMJA5050. This 50V device features adjustable current regulation from 50mA to 80mA, and is packaged in the new DFN123F package. This adjustable device eliminates the need for using multiple CLDs in order to meet the required current regulation values.

Central's CMJA5050 is ideal for any application requiring a space saving current regulating device, including LED lighting and test/measurement equipment. With regard to adjustment compensation resistance, placing a resistor in parallel with a CLD allows the regulator current to be adjusted from 50mA to 80mA. This also corrects any current decrease when the applied voltage increases due to self-heating.

Pricing for the CMJA5050 starts at \$0.23 for 5,000 pieces on 13" tape and reel directly from Central. Samples are available upon request.

Central Semiconductor Corp. manufactures innovative discrete semiconductors to meet design engineers' ever-changing challenges. Complete specifications for the CMJA5050 are available on Central's website at:

[https://www.centrasemi.com/featured-products/28?utm\\_source=press-release&utm\\_medium=web&utm\\_campaign=CMJA5050\\_Launch](https://www.centrasemi.com/featured-products/28?utm_source=press-release&utm_medium=web&utm_campaign=CMJA5050_Launch)

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