

**AEM**<sup>®</sup>Innovation to **power** your vision

# What's **NEW**@

**Central**<sup>™</sup>  
**Semiconductor**  
An AEM Company

## 1700V SiC MOSFETs with Industry-Leading Power & Efficiency

### Features

- Industry-leading edge sub 20mohm on-resistance
- Low switching loss and high blocking voltage across full temperature range
- Packaged current rating as high as 80A and power rating over 25W
- 1700V drain to source breakdown

### Applications

- Sustainable energy: solar panel inverters, energy storage systems, inductive charging systems
- Power distribution: uninterruptible power supplies, high voltage power converters
- Transportation: electrical vehicle motor drive, railway power conversion, underwater motors

| Part Number:         | $r_{DS(ON)}$ :                |
|----------------------|-------------------------------|
| <b>CDMS24720-170</b> | <b>20m<math>\Omega</math></b> |
| <b>CDMS24740-170</b> | <b>40m<math>\Omega</math></b> |
| <b>CDMS24760-170</b> | <b>60m<math>\Omega</math></b> |
| <b>CDMS24780-170</b> | <b>80m<math>\Omega</math></b> |

**TO-247 PACKAGE****Unlock the full product guide**[www.aeminc.com/en-us/product-guides](http://www.aeminc.com/en-us/product-guides)[www.aeminc.com](http://www.aeminc.com)