



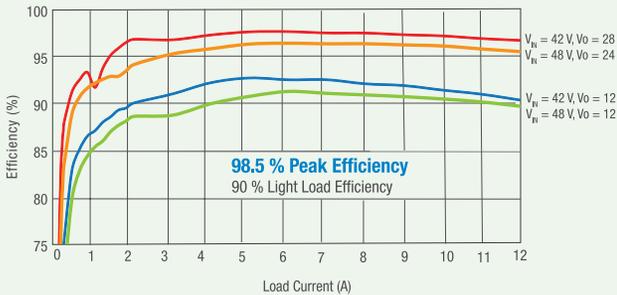
# SiC46X and SiC47X microBUCK®

## 4.5 V TO 60 V BUCK REGULATORS

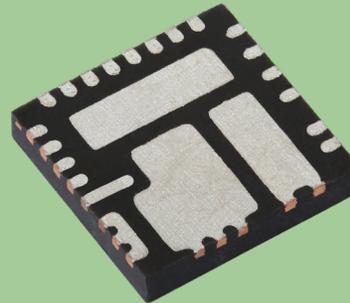


### 98 % PEAK EFFICIENCY

Measured Efficiency for SiC471 at  $f_{sw} = 300$  kHz

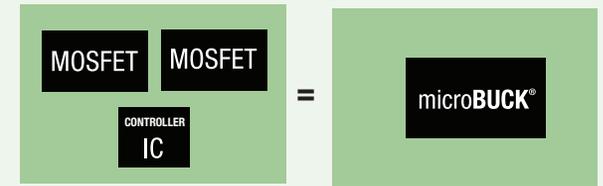


SCALABILITY, RELIABILITY, SIMPLICITY



2 A to 12 A  
buck regulators in compact  
MLP 5 x 5 package

### THE POWER OF 3 = 1



Highly integrated microBUCK® POL solutions from Vishay Intertechnology deliver high efficiency while reducing costs.

### RUGGED AND RELIABLE



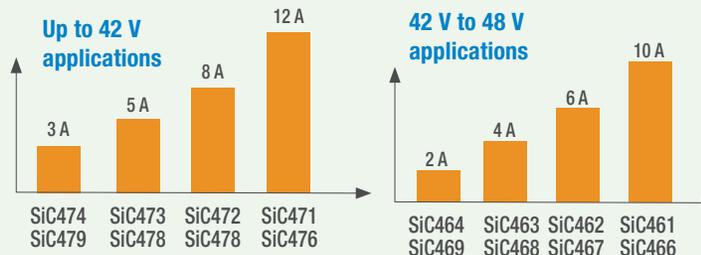
Wide operating temperature to 125 °C  
Up to 200 W output power

## PowerCAD

simulation tool

Generate your circuit schematic, perform simulations, and automatically generate a BOM

### SCALABLE SOLUTIONS



SiC47x :  $V_{in} = 4.5$  V to 55 V      SiC46x :  $V_{in} = 4.5$  V to 60 V  
SiC46x and SiC47x : PowerPAK® 5 x 5

Scale for the best combination of cost and performance

For technical questions: [powerictechsupport@vishay.com](mailto:powerictechsupport@vishay.com)

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### APPLICATIONS

