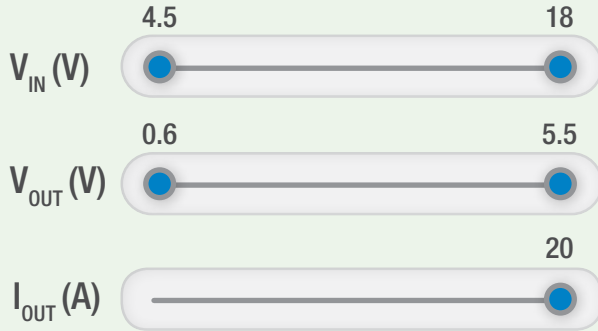




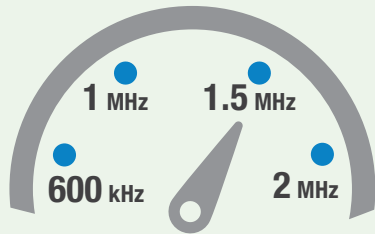
# SiC931: 20 A microBRICK®

## 4.5 V TO 18 V BUCK REGULATOR MODULE

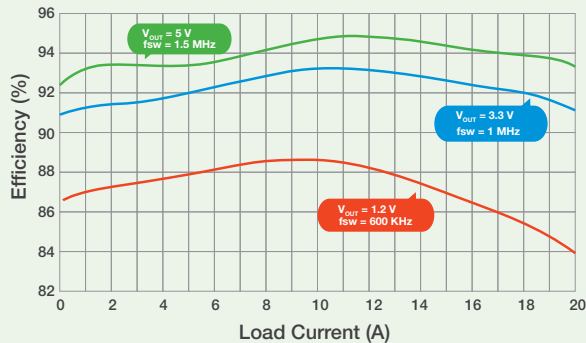
### VOLTAGE / CURRENT RANGES



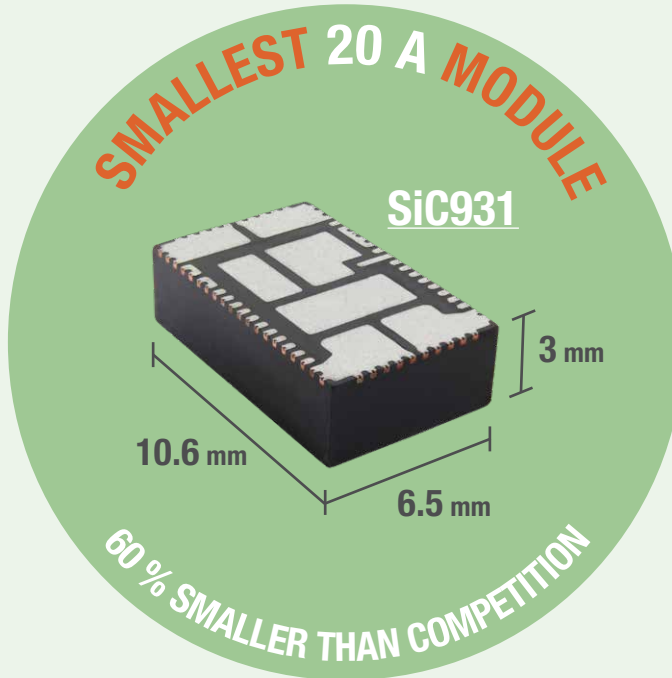
### PROGRAMMABLE $f_{SM}$



### 95 % PEAK EFFICIENCY



SiC931 Typical Efficiency at  $V_{IN} = 12\text{ V}$



### THE POWER OF 4 = 1



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

- COMPACT
- EASY TO USE
- PRICE COMPETITIVE
- LOW COMPONENT COUNT

### APPLICATIONS



### RUGGED AND RELIABLE

- Protection features: OVP, OCP, SCP, OTP, power good flag
- PowerPAK® QFN-style package is easy to handle
- More reliable than LGA / BGA type packages
- Low output capacitance
- Wettable flanks improve board-level reliability in industrial applications

**PowerCAD**  
simulation tool

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



Evaluation Board Available