



SiC931: 20 A microBRICK®

4.5 V TO 18 V BUCK REGULATOR MODULE

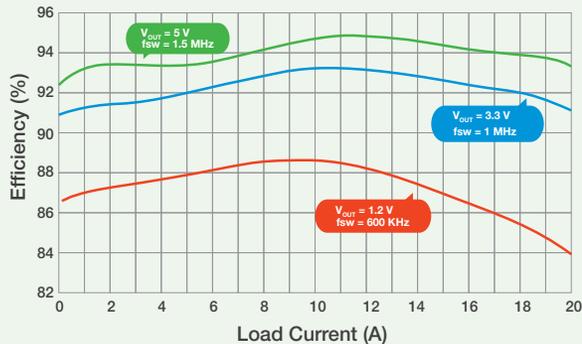
VOLTAGE / CURRENT RANGES



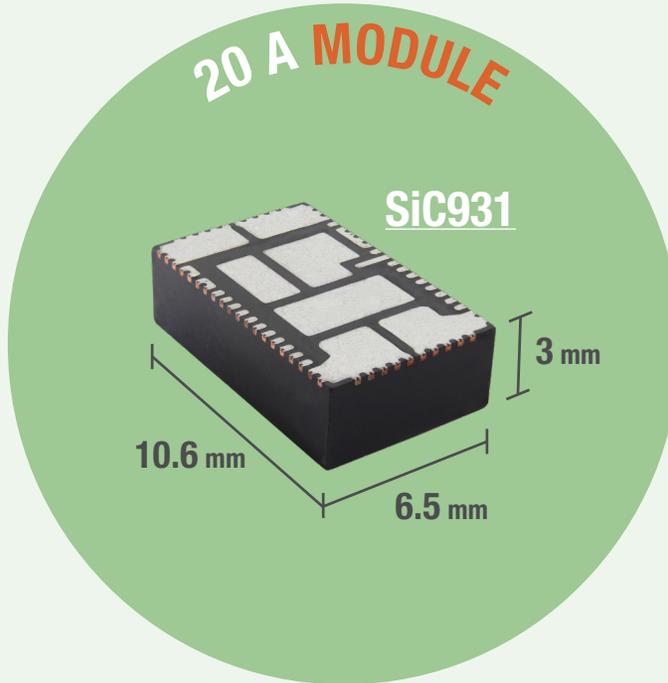
PROGRAMMABLE f_{SM}



95 % PEAK EFFICIENCY



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



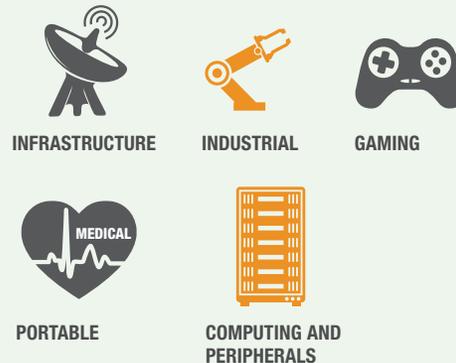
THE POWER OF 4 = 1



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