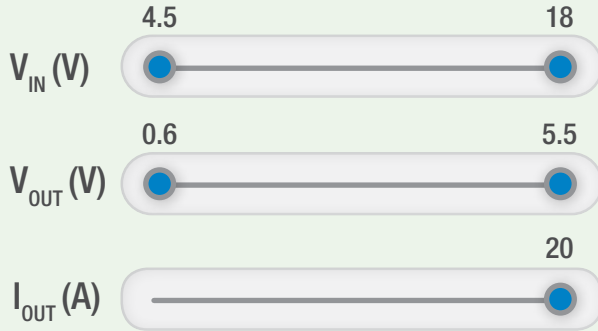




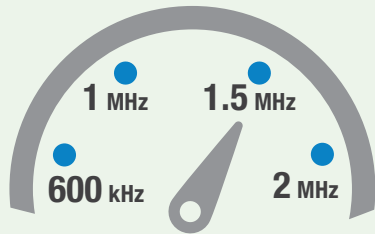
SiC931: 20 A microBRICK™

4.5 V TO 18 V BUCK REGULATOR MODULE

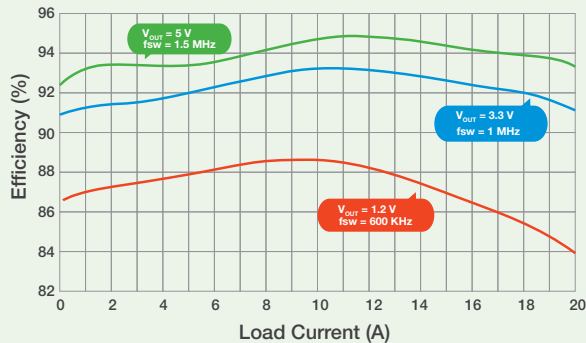
VOLTAGE / CURRENT RANGES



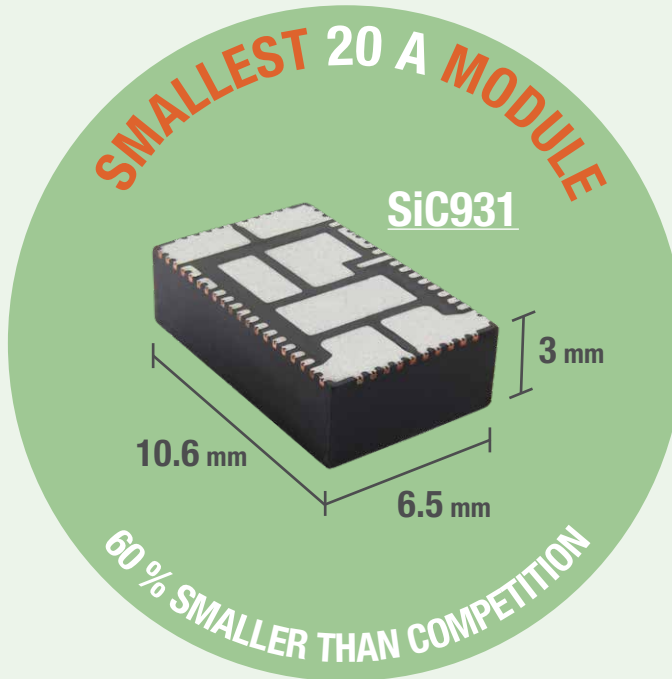
PROGRAMMABLE f_{SM}



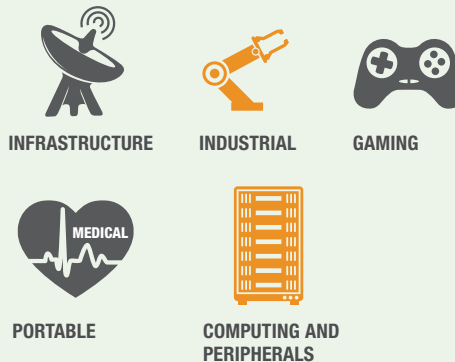
95 % PEAK EFFICIENCY



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



APPLICATIONS



For Technical Questions: powerictechsupport@vishay.com

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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

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