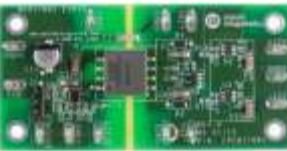


MAX17681 EVALUATION KITS

Simplified Isolated Power Supply Design

The **MAX17681** 4.5V to 42V, high efficiency, isolated DC-DC converter reduces power dissipation with up to 90% peak efficiency. Primary side sensing eliminates the need for a bias winding along with the components typically required for opto-coupler feedback, simplifying design. Fewer external components are needed, reducing solution size by up to 25%. The high 42V input capability and built-in protection ensure reliable operation in harsh industrial environments.

The MAX17681 evaluation kits provide turnkey solutions for quick prototyping of your isolated power supply design. A variety of output configurations support multiple application needs. Transformer selection is simplified through the use of pre-qualified transformers from Wurth Elektronik.

| Evaluation Kit | Input | Isolated Output | Peak Efficiency | Wurth Transformer |
|--|------------|--------------------------------------|-----------------|---------------------------|
| MAX17681EVKIT  | 17V to 32V | $\pm 15V/100mA$ or $\pm 12V/50mA$ | 90% | 750342557 |
| MAX17681EVKITB  | 17V to 36V | $\pm 7V/100mA$ or $\pm 5V/50mA$ | 87.5% | 750342779 |
| MAX17681EVKITC  | 17V to 36V | $+15V/200mA$ or $+12V/100mA$ | 89.5% | 750342859 |
| MAX17681EVKITD  | 17V to 36V | $+7V/200mA$ or $+5V/100mA$ | - | 750342878 |
| MAX17681EVKITE  | 17V to 36V | $+15V/75mA$ and $\pm 7.5V/7.5mA$ | 89.9% | 750342864 |
| MAX17681EVKITF  | 17V to 36V | $+24V/100mA$ | - | 750342860 |