




# 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
<b>MAX17681EVKIT</b> 	17V to 32V	$\pm 15\text{V}/100\text{mA}$ or $\pm 12\text{V}/50\text{mA}$	90%	<a href="#">750342557</a>
<b>MAX17681EVKITB</b> 	17V to 36V	$\pm 7\text{V}/100\text{mA}$ or $\pm 5\text{V}/50\text{mA}$	87.5%	<a href="#">750342779</a>
<b>MAX17681EVKITC</b> 	17V to 36V	+15V/200mA or +12V/100mA	89.5%	<a href="#">750342859</a>
<b>MAX17681EVKITD</b> 	17V to 36V	+7V/200mA or +5V/100mA	-	<a href="#">750342878</a>
<b>MAX17681EVKITE</b> 	17V to 36V	+15V/75mA and $\pm 7.5\text{V}/7.5\text{mA}$	89.9%	<a href="#">750342864</a>
<b>MAX17681EVKITF</b> 	17V to 36V	+24V/100mA	-	<a href="#">750342860</a>