

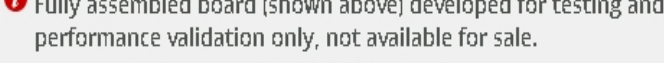
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In this reference design, the TPS62125 provides a simple and efficient voltage inverting circuit to be used for low power negative voltage rails, such as found in optical modules. This configuration has been tested with a full test report and operation explanation.

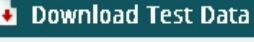
- Only 6 external components required for a
- IC available in a 2 x 2 mm SON package to
- User selectable output discharge function
- 85% efficiency over a wide load range
- Up to 120 mA output current at 5V input



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Find the complete list of components in this reference design.

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Part Number	Name	Product Family	Sample & Buy	Design Kits & Evaluation Modules
TPS62125	3V-17V, 300mA Buck Converter With Adjustable Enable Threshold And Hysteresis	Converter (Integrated Switch)	Sample & Buy	View Design Kits & Evaluation Modules

Application Notes (1)

Title	Abstract	Type	Size (KB)	Date	Views
Using the TPS62125 in an Inverting Buck-Boost Topology (Rev. B)	Read Abstract	PDF	909	11 Jul 2014	508

Title	Abstract	Type	Size (KB)	Date	Views
PMP9760 BOM		PDF	20	01 Aug 2014	89
PMP9760 Schematic		PDF	23	01 Aug 2014	226

Software (1)

 [PMP9760 Gerber](#)
(71P, 274 KB) 70 views, 01 Aug 2014

- High Performance UPoE Base Station
- Pico Base Station
- PoE+ Enterprise Base Station
- Point-to-Point Microwave Backhaul
- Software Defined Radio (SDR)
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