

# PMP10695 – Step-up DCDC Converter for Tuner Antenna

Key Specs: 4.5Vin, 10.5Vout @ 0.1A  
 Device: LM2700

## Features

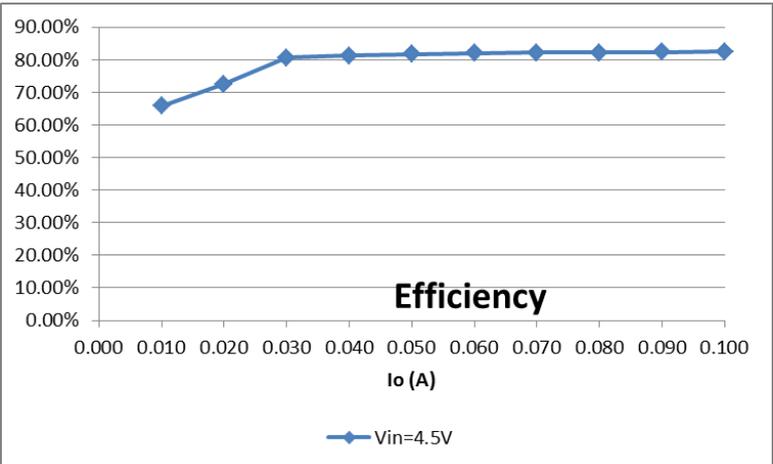
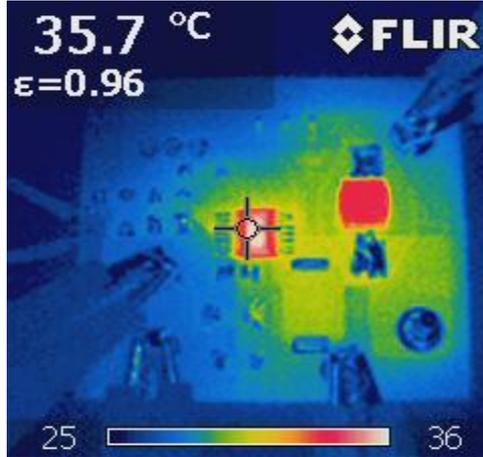
- Capable of 4.5V input, 0.1A normal output, and 0.25A maximum output
- Output voltage is 10.5V
- fsw\_boost=600k
- Peak efficiency is 82.4%
- 2 layer board, 1oz outer copper layers
- PCB board size 35 x 38 mm (1.4 x 1.5in)

## Benefits

- Over current protection up to 2.55A peak
- Under voltage protection of input
- Over temperature protection
- Adjustable fsw =600k/1.25MHz
- Compensation pin for better loop gain design
- Quiescent current of 2.0/3.0mA at 600k/1.25MHz
- Low profile package of 14-lead TSSOP/ WSON

## Applications

- Power for Tuner Antenna in Automotive



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