

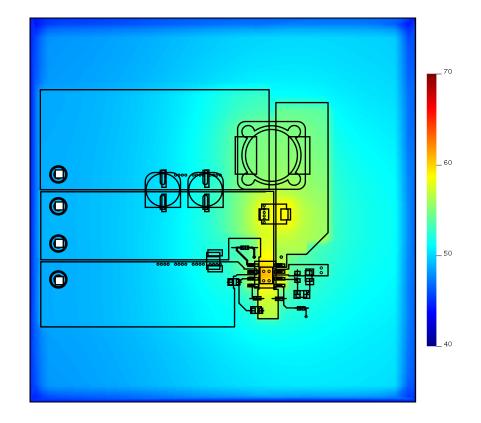
VinMin = 46.0VVinMax = 52.0VVout = 24.0V lout = 2.0A

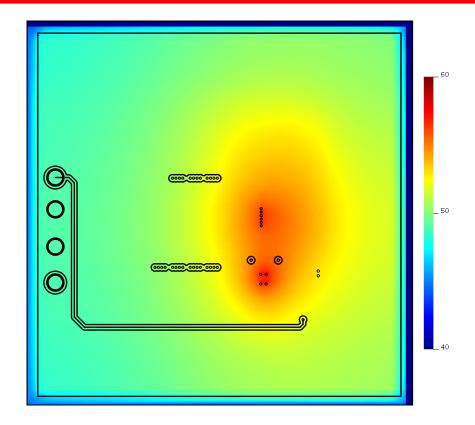
WEBENCH ® Thermal Simulation Report

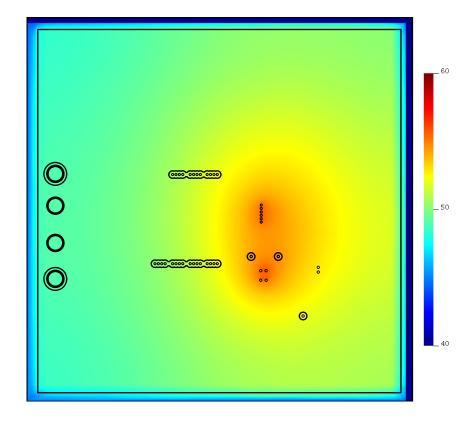
Design: 3674952/57 TPS54560DDAR TPS54560DDAR 46.0V-52.0V to 24.00V @ 2.0A

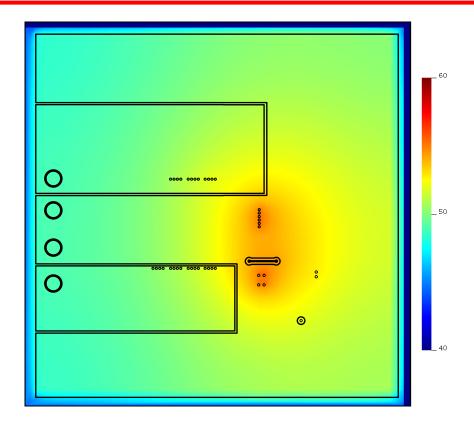
Device = TPS54560DDAR Topology = Buck Created = 12/2/14 2:35:47 AM BOM Cost = \$3.27 Total Pd = 2.55WFootprint = 523.0 mm² BOM Count = 13 tSim Id = 1

Thermal Images

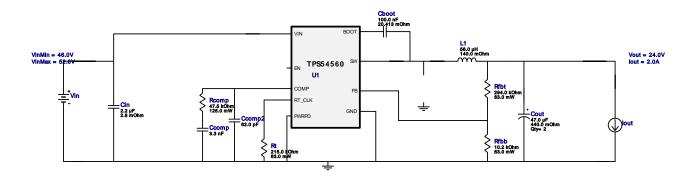








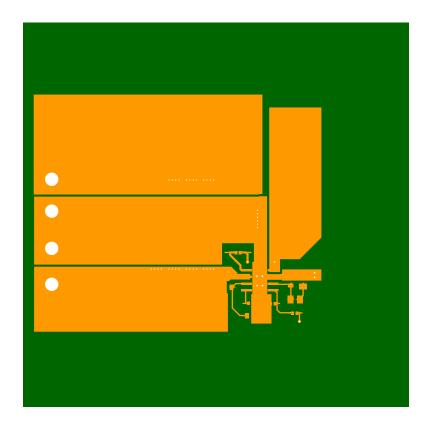
Schematic

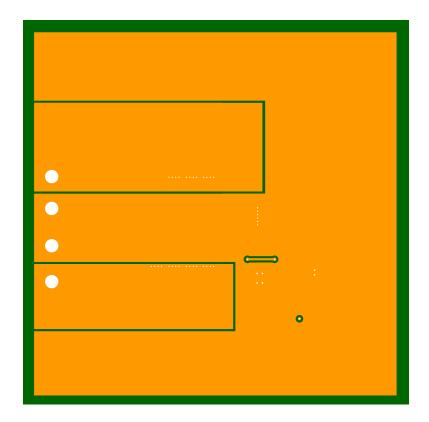


BOM

Component Part Number Manufacture Max PDiss Properties Qty Price Footprint Name(s)

Bare Board Images





Name	Temperature		
Air Flow			
Name	Value		
Edge Tempe	rature		
Name	Temperature	Thermal Type	

Design Assistance

1. TPS54560 Product Folder: http://www.ti.com/product/TPS54560: contains the data sheet and other resources.

Texas Instruments' WEBENCH simulation tools attempt to recreate the performance of a substantially equivalent physical implementation of the design. Simulations are created using Texas Instruments' published specifications as well as the published specifications of other device manufacturers. While Texas Instruments does update this information periodically, this information may not be current at the time the simulation is built. Texas Instruments does not warrant the accuracy or completeness of the specifications or any information contained therein. Texas Instruments does not warrant that any designs or recommended parts will meet the specifications you entered, will be suitable for your application or fit for any particular purpose, or will operate as shown in the simulation in a physical implementation. Texas Instruments does not warrant that the designs are production worthy.

You should completely validate and test your design implementation to confirm the system functionality for your application prior to production.

Use of Texas Instruments' WEBENCH simulation tools is subject to Texas Instruments' Site Terms and Conditions of Use. Prototype boards based on WEBENCH created designs are provided AS IS without warranty of any kind for evaluation and testing purposes and are subject to the terms of the Evaluation License Agreement.