![Texas Instruments logo] **TEXAS INSTRUMENTS**

VinMin = 46.0V
VinMax = 52.0V
Vout = 24.0V
Iout = 2.0A

Device = TPS54560DDAR
Topology = Buck
Created = 12/2/14 2:35:47 AM
BOM Cost = $3.27
Total Pd = 2.55W
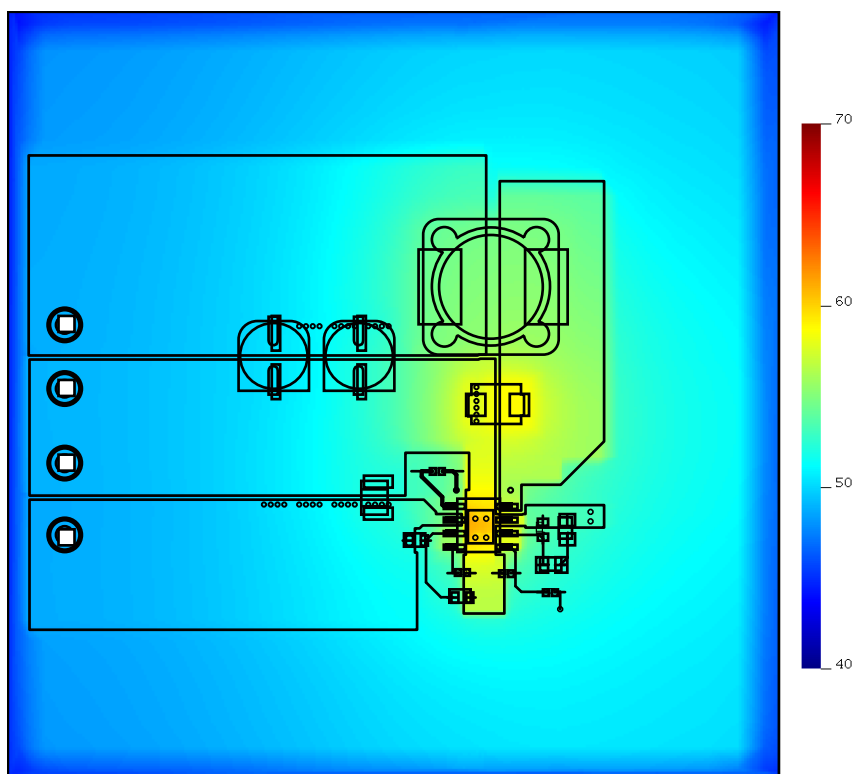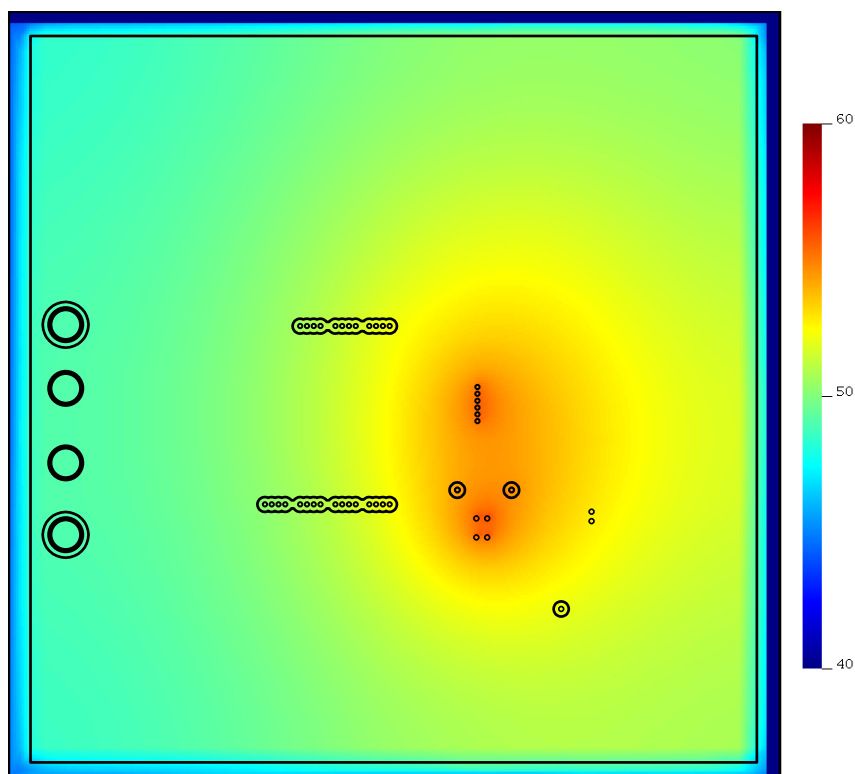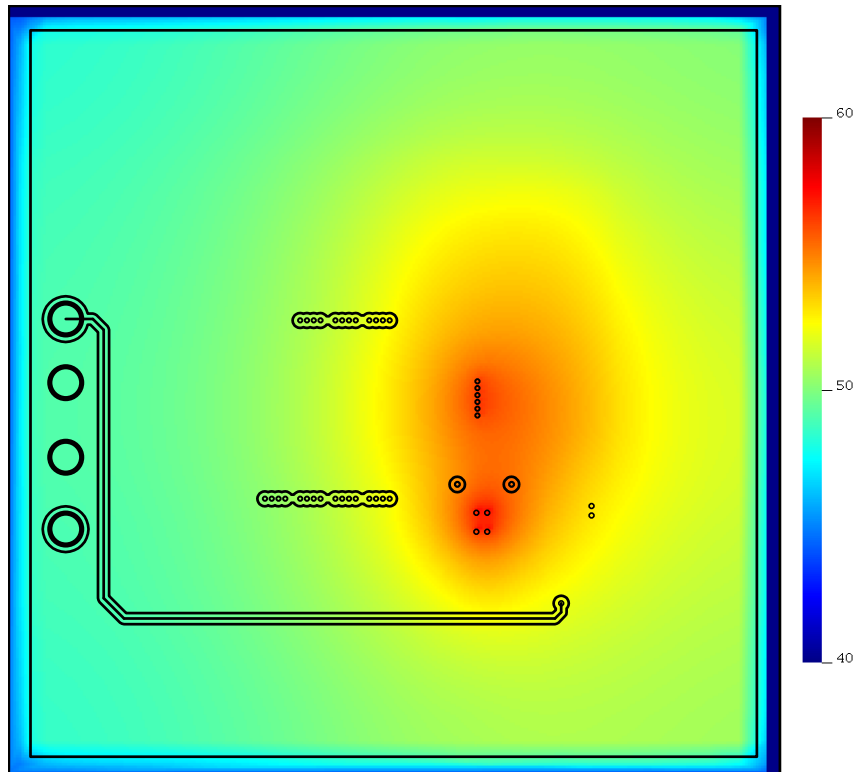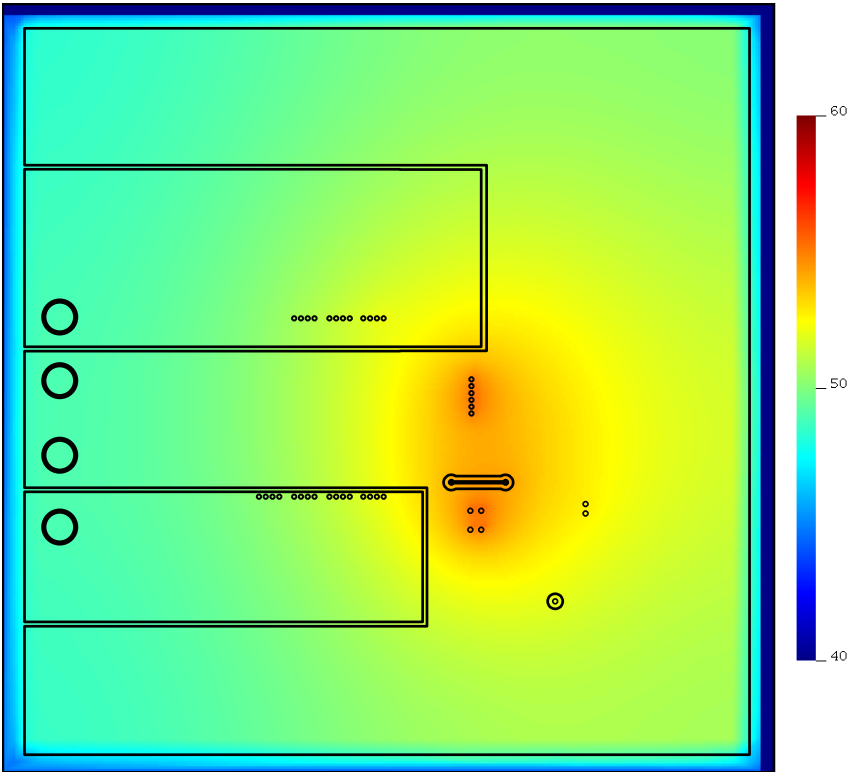Footprint = 523.0 mm^2
BOM Count = 13
tSim Id = 1

WEBENCH ® Thermal Simulation Report

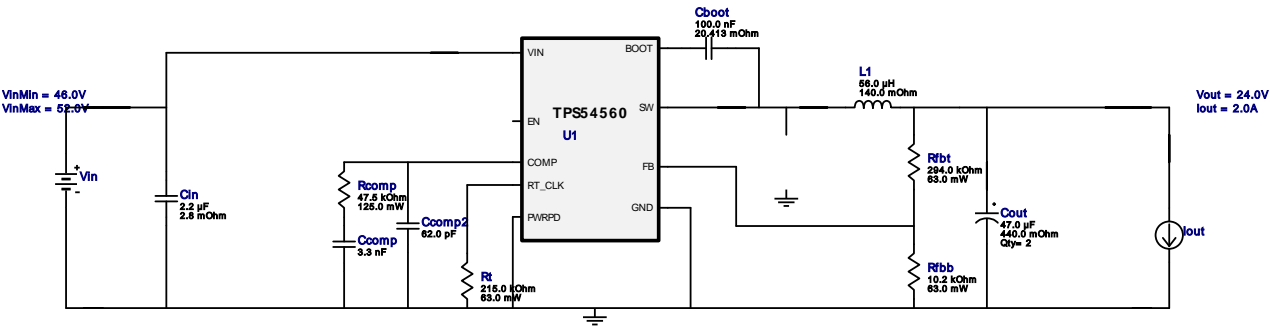Design : 3674952/57 TPS54560DDAR
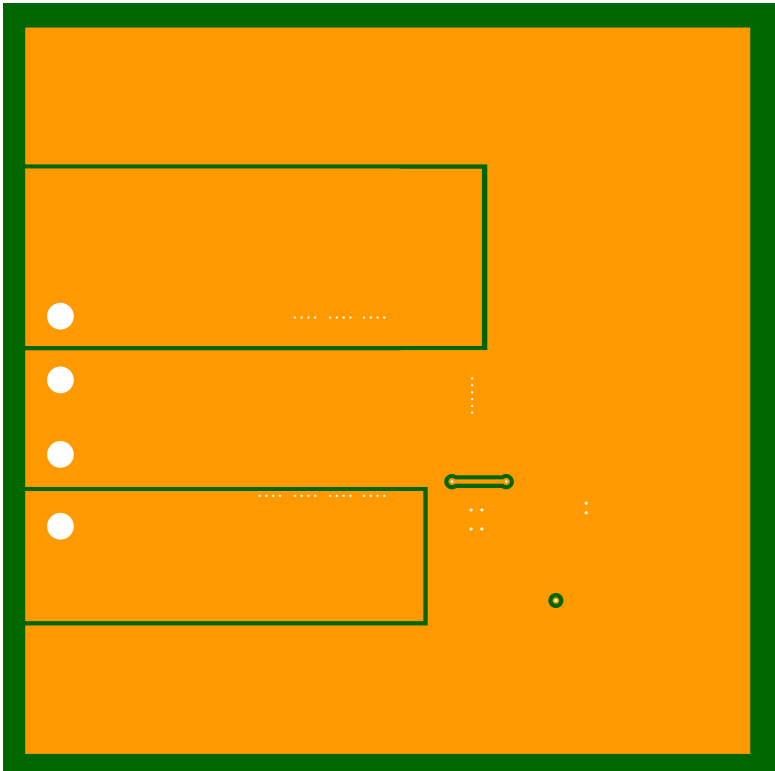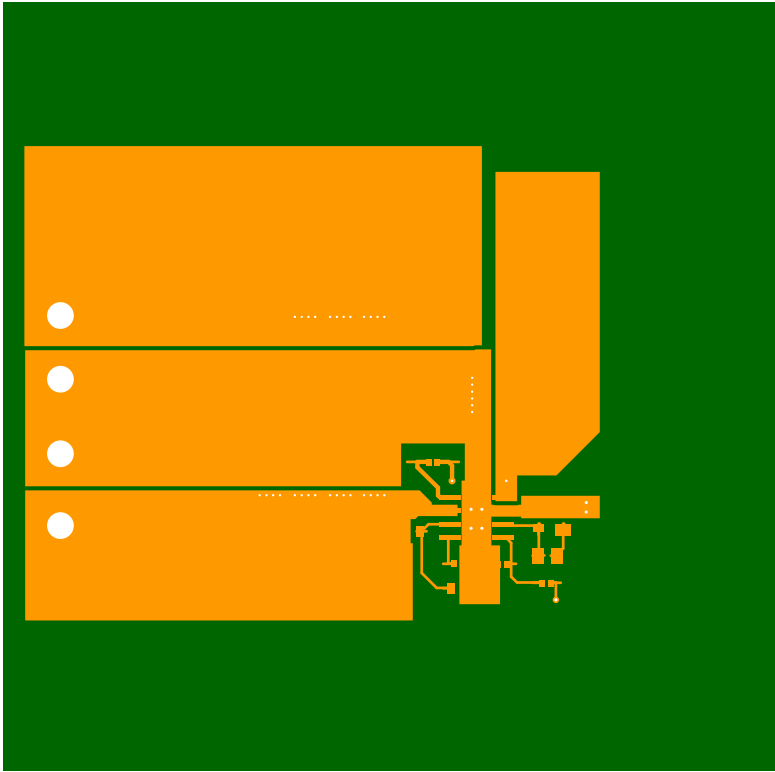TPS54560DDAR 46.0V-52.0V to 24.00V @ 2.0A

Thermal Images

WEBENCH® Assembly Document   TPS54560DDAR : TPS54560DDAR
46.0V-52.0V to 24.00V @ 2.0A   December 2, 2014 02:47:29 GMT-08:00

Schematic

BOM

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

Bare Board Images

ti.com/webench

WEBENCH® Assembly Document   TPS54560DDAR : TPS54560DDAR
46.0V-52.0V to 24.00V @ 2.0A   December 2, 2014 02:47:29 GMT-08:00

Ambient Temperature

Name _____   Temperature _____

Air Flow

Name _____   Value _____

Edge Temperature

Name _____   Temperature _____   Thermal Type _____

Design Assistance

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