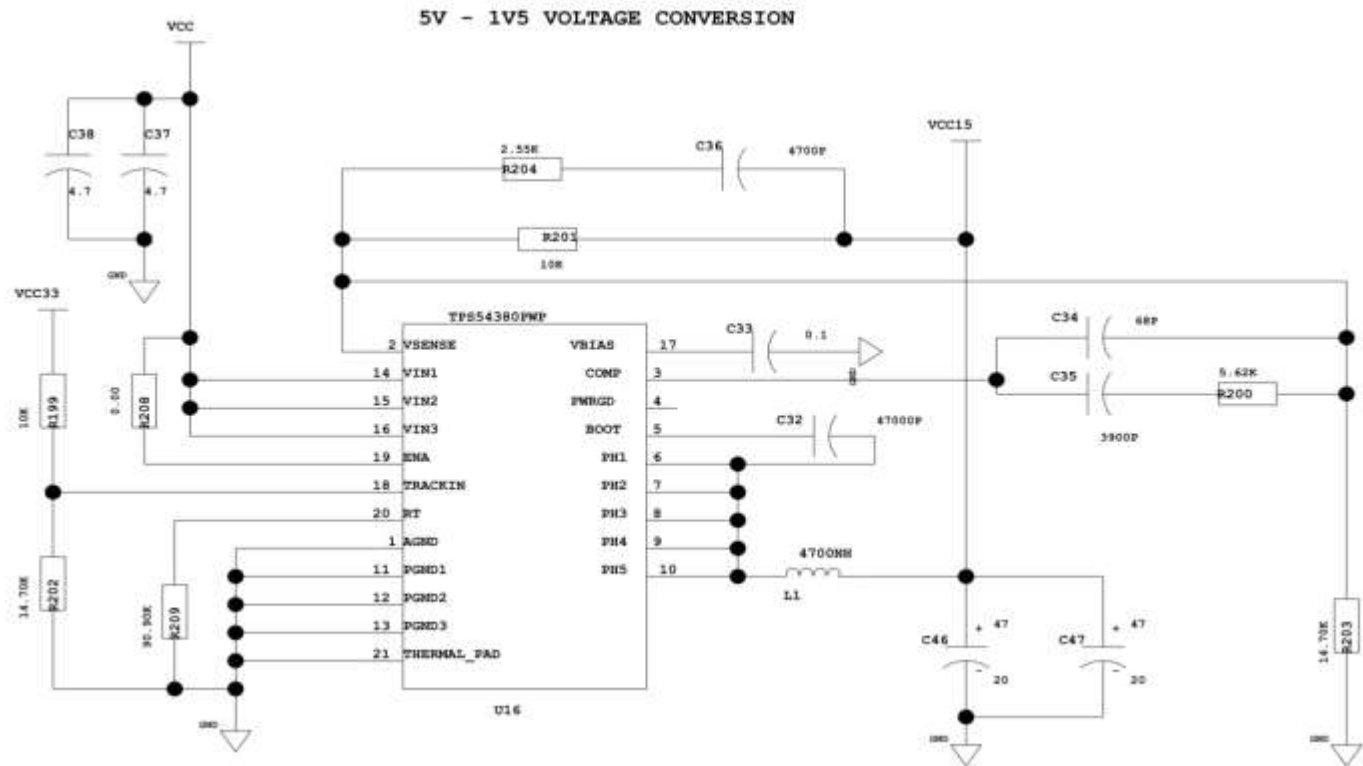
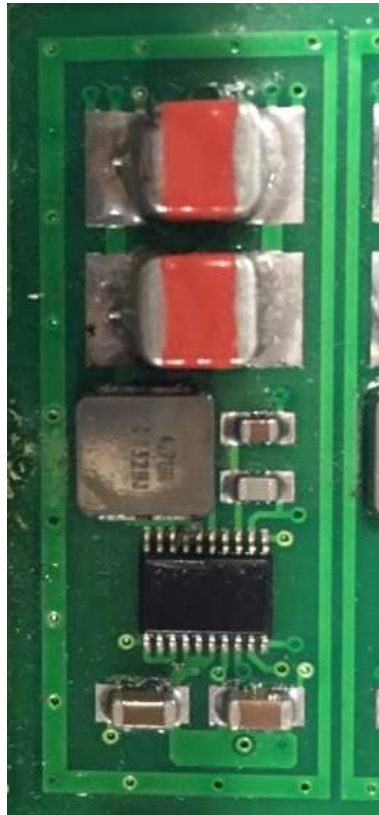


TPS54380 electrical diagram and board layout

Electrical Drawing and Top Image

Image

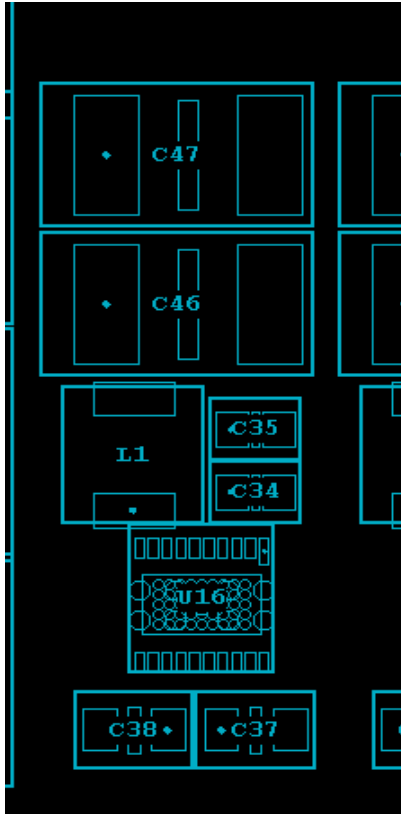


Stack up Board

Layer Name	Function
Top	Components
Inn1	Signals - Empty
Inn2	Signals – Empty
Inn3	Plane – GND
Inn4	Plane - VCC3V3
Inn5	Signals – Empty
Inn6	Signals – Empty
Inn7	Signals - Empty
Inn8	Signals - Empty
Inn9	Plane - VIN, VCC1V5
Inn10	Plane - GND
Inn11	Signals - Empty
Inn12	Signals - Empty
Bottom	Components

Top Reference and Layouts of the DC/DC Section

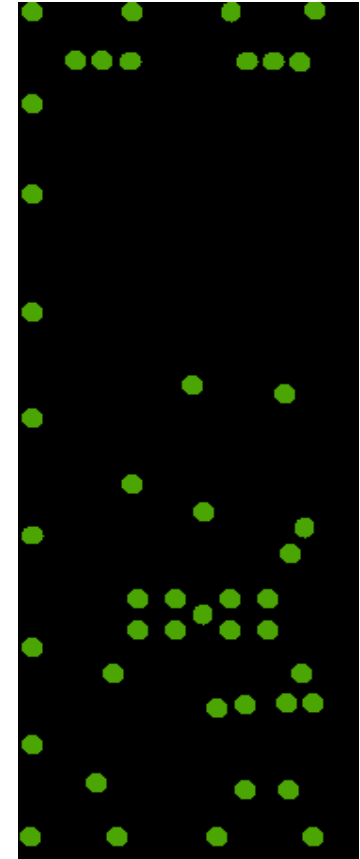
Top – Reference



Top

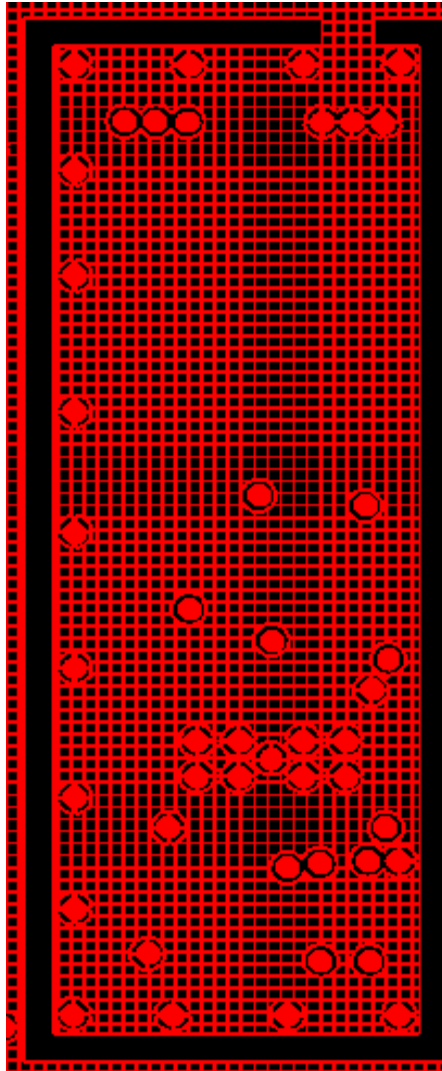


Inn1,2,5,6,7,8,11,12

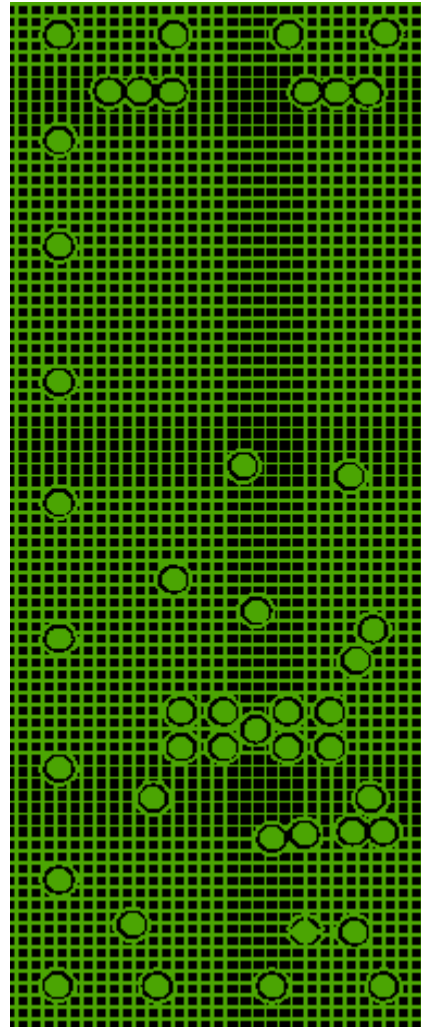


Plane Layouts of the DC/DC Section

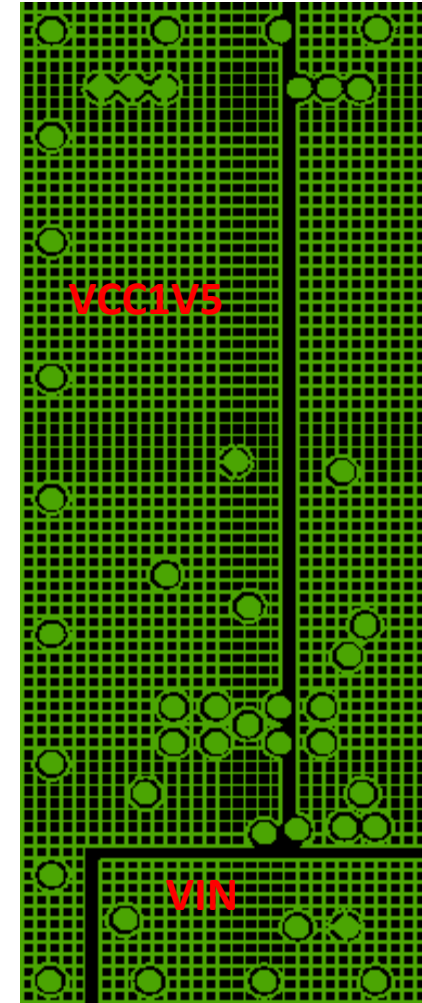
GND = Inn 3, 10



VCC3V3=Inn4

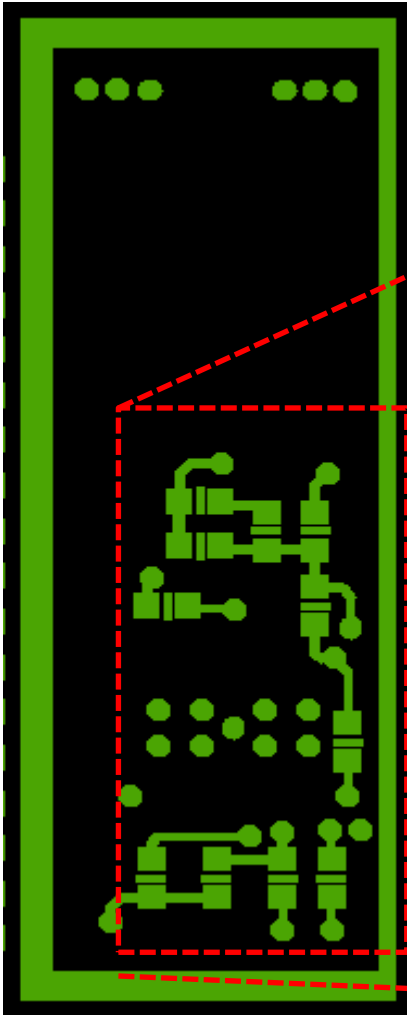


VIN, VCC1V5=Inn9



Bottom Layout and Reference of the DC/DC Section

Bottom



Bottom - Reference

