

MAX15046 EVALUATION KIT+

VIN

+

PGND

VOUT

GND

VCC

PGOOD

EN

GND

The circuit board features a central MAX15046 IC (U1) with various components connected to it. Key components include:

- Inductor L1:** A large toroidal inductor used for power conversion.
- Capacitors:** Multiple electrolytic capacitors (C1-C19) for filtering and energy storage.
- Resistors:** Various resistors (R1-R17) for current sensing and feedback.
- Diode D1:** A Schottky diode for rectification.
- Test Points:** TP1 and TP2 for voltage measurement.
- Connectors:** JU1, JU2, and JU3 for external connections.
- Power Terminals:** VIN, VOUT, and PGND terminals for power and ground connections.

LEAD FREE &
RoHS COMPLIANT

JG 11/08
REV-P1

PGND