

STEVAL-ISA009V1

VIPer53-E single output reference design board with 90 to 264 V_{AC} input and 24 W output

Data Brief

Features

- Switch-mode general-purpose power supply
- Current mode control with adjustable limitation
- 75% efficiency
- Output short-circuit and overload protection
- Thermal shutdown protection
- Meets EN55022 class B EMI specification
- Blue Angel compliant

Description

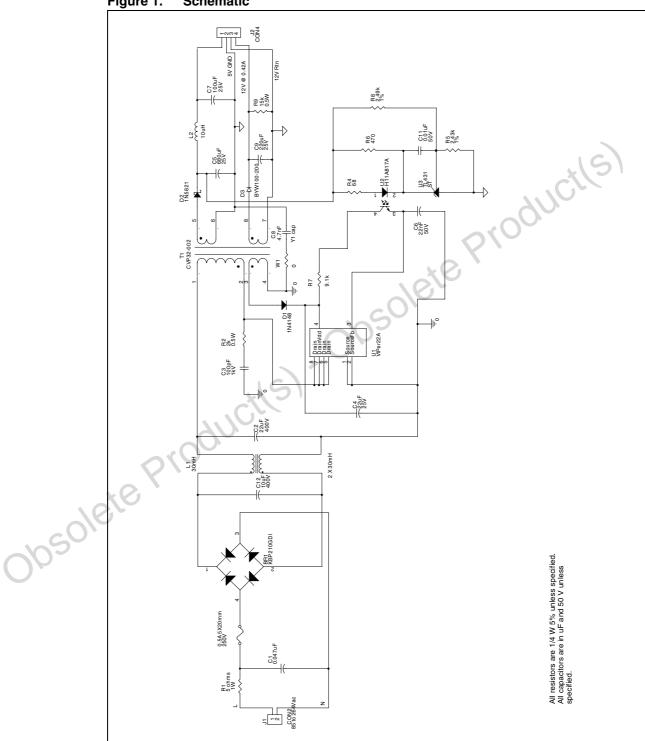
This reference design board is an offline widerange power supply that incorporates the VIPer53-E, and is set up for secondary regulation by driving the PWM controller through an optocoupler. The switching frequency is set at 100 kHz and the total output power is 24 W.



Board schematic STEVAL-ISA009V1

Board schematic 1

Figure 1. **Schematic**



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STEVAL-ISA009V1 Revision history

2 Revision history

Table 1. Document revision history

Date	Revision	Changes
28-Nov-2007	1	Initial release

Obsolete Product(s). Obsolete Product(s)

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