

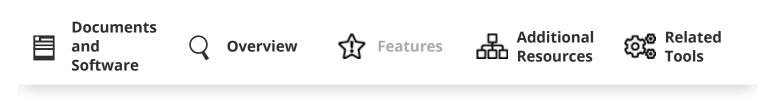
MCP16361 Evaluation Board 🕸

Part Number: EV27C97A

Summary:

The MCP16361/2/3 can regulate the output voltage over a wide 2V to 20V range, and typically can deliver over 3A of load current at 3.3V output, when supplied from a 12V input. The maximum input voltage range is 4V to 48V. The regulated voltage (VOUT) should be lower than the input voltage (VIN). View More







The NICP 1636 Evaluation Board has the following reatures:

Input Voltage Range (VIN): 4V – transient up to 48V Output Voltage: 3.3V Output current: typically, 3A @ 3.3V Output, 12V Input Automatic PFM/PWM Operation for MCP16361 PWM Switching Frequency: 2.2 MHz Low Device Shutdown Current: 5 μA typical Low Device Quiescent Current: 20 μA typical (not switching) Integrated N-channel Buck Switch ON state resistance: 100 mΩ Internal Compensation Internal Soft Start Internal bootstrap diode Internal Current limit Power Good Output Overtemperature protection (if the die temperature exceeds 155°C, with 25°C hysteresis)



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