

LMR14030 WEBENCH Question?

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BOM

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Optimization Tuning

Lowest BOM Cost

Smallest Footprint

Highest Efficiency

Footprint 422

BOM Cost \$2.62

Efficiency 86

Change Design Inputs

Advanced Options

User Preferred Frequency: ☐

Frequency: 200kHz < 579.0 kHz < 963.562kHz

User Sync Frequency: ☐

Sync Frequency: 250kHz < 579.0 kHz < 963.562kHz

Soft Start Time (ms): 1ms < 2 ms < 10ms

Update

Current Design: #1373

IC	LMR14030S
VinMin	15 V
VinMax	36 V
source	DC

SUMMARY

Charts

Schematic

WebTHERM™ Simulation

Bill of Materials

Your Complete Design

Efficiency (Log-Scale)

Operating Values

Bill of Materials

Product Folder

View My Orders

ORDER Evaluation Boards, Samples, ICs

WEBENCH Downloads:

Design Documentation

CAD File Export

SIM File Export

Share this design

Copy this Design

<Specification requirements>

Vinmin:15V

Vinmax:36V

Vout:5V

Iout:3A

Fsw : 963kHz

Why switching frequency is limited to 963kHz?