

MIC2253 3.5A 1MHz Boost Reg Eval Board

Part Number: ADM00891

MIC2253 Evaluation Board was developed to evaluate the capabilities of the MIC2253 high-efficiency 3.5A switch current limit integrated switch, non-synchronous boost (step-up) regulator. The MIC2253 achieves over 90% efficiency while still switching at 1MHz over a broad load range.



Features

2.5V to 10V input volatage range;
Fixed 1MHz switching frequency;
1.245V +/- 3% feedback voltage;
Output voltage up to 30V (max);
Externally programmable soft-start;
<1% line regulation;
<0.1µA shutdown current;
Over temperature protection;
Under-voltage lockout (UVLO);

Package Contents

1x MIC2253 3.5A 1MHz Boost Reg Eval Board

Documents

MIC2253 3.5A 1MHz Boost Reg Eval Board (ADM00891) BOM 
MIC2253 3.5A 1MHz Boost Reg Eval Board (ADM00891) Schematic
MIC2253 3.5A 1MHz Boost Reg Eval Board (ADM00891) Gerber Files 
MIC2253 - 3.5A 1MHz High Efficiency Boost Regulator with OVP and Softstart