

## 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 voltage 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

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| 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   |