

Buck LED Driver with Fade-in Control Using OB3626P LD60V0.24A3626P

Subject

OB3626P Demo Board Manual

Board Model: LD60V0.24A3626P

Doc. No.: OB_DOC_DBM_3626P00



Key features:

- · Non-isolated buck application
- QR mode to achieve High Efficiency(>88%)
- Programmable Fade-in time
- High precision constant output current (<±3%)
- LED open/short protection, over temperature protection.

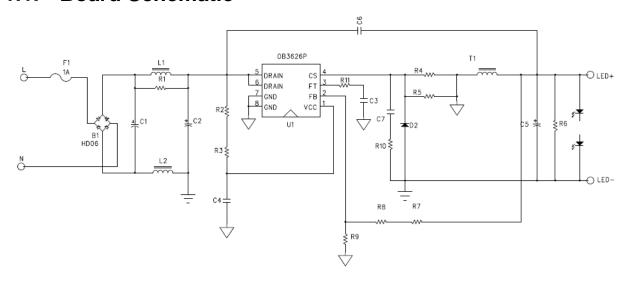
Revision History

| Revise Date | Version | Reason/Issue |
|-------------|---------|--------------|
| 2016/06/09 | 00 | First issue |



1. Board Information

1.1. Board Schematic



1.2. Module Snapshot







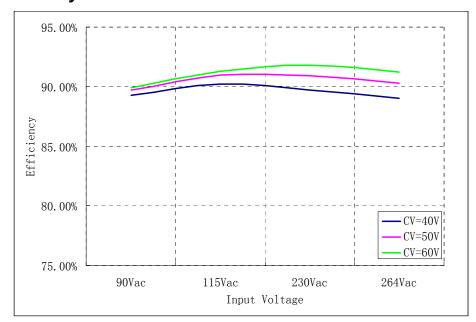
Size: 53.5mm(L) * 21mm(W) * 15mm(H)



2. Performance Evaluation

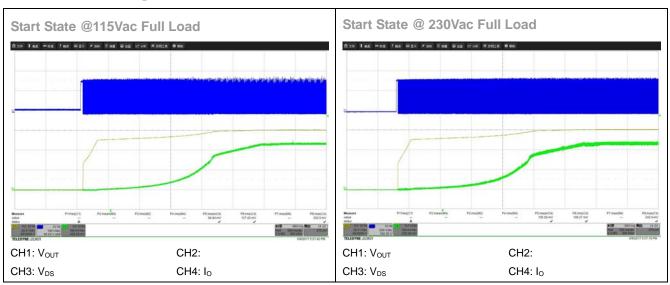
2.1. Input Characteristics

3.1.1 Efficiency





3. Operating Waveform



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