DESCRIPTION

The MT7312 is a color temperature switch controller. It works with isolated or non-isolated constant current LED driver to realize color temperature switching function.

The system can achieve cool and warm color switching by detecting the power switch switching action. Adjust the output current of mixed lighting by opto-coupler to make it equal to X times output current of single color temperature lighting.

The MT7312 uses the MAXIC proprietary technology, which not only simplifies peripheral components, but also ensures the logical consistency of multiple LED power supplies switching simultaneously.

The MT7312 can be used in Flyback, Buck or Buck-Boost topology to make LED power supply design more convenient.

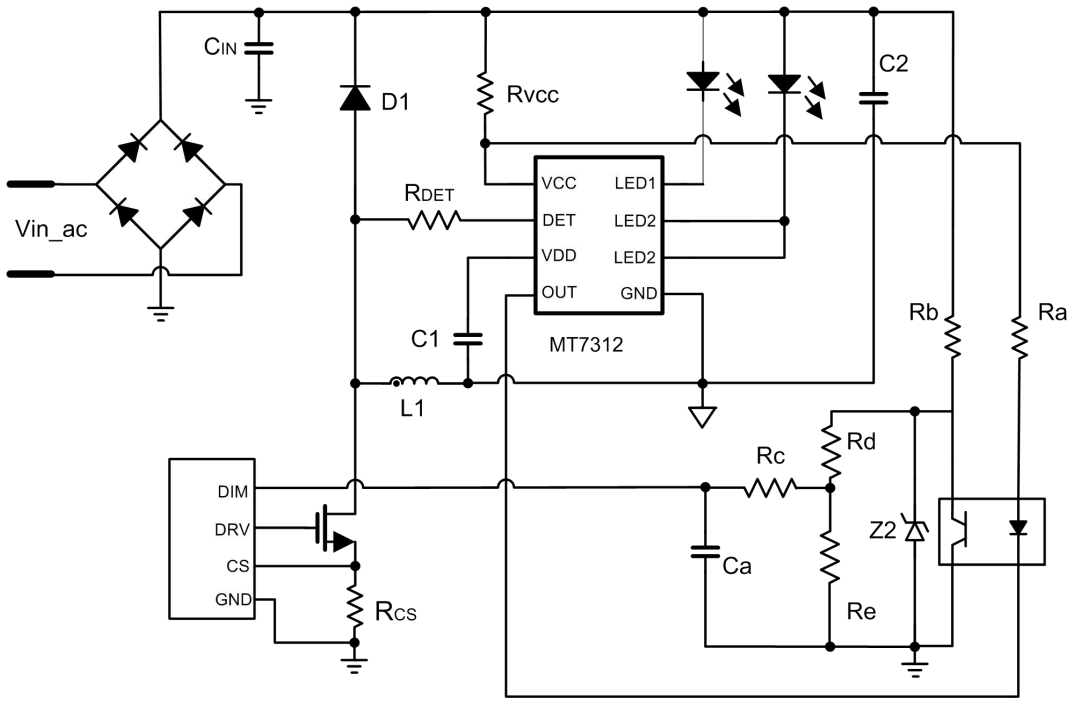
FEATURES

- Built-in 400V MOS
- Accurate switching time when multiple LED power drivers are connected in parallel
- Compatible with isolated and non-isolated applications
- Cyclic cool and warm two colors switching controlled by power switch
- Adjust the output current of mixed lighting by peripheral adjustment circuit
- Available in SOP8 packages

APPLICATIONS

- Color temperature switch LED power supply

Typical Application Circuit



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