

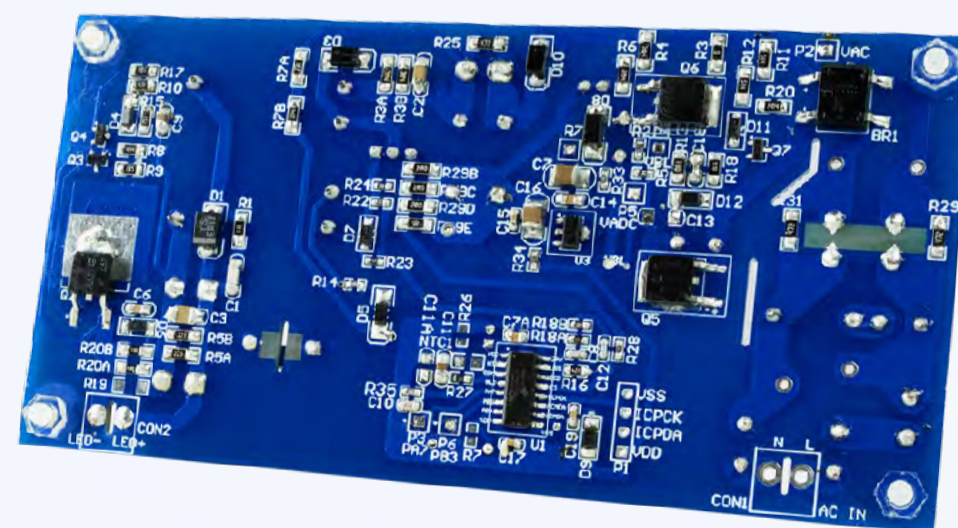
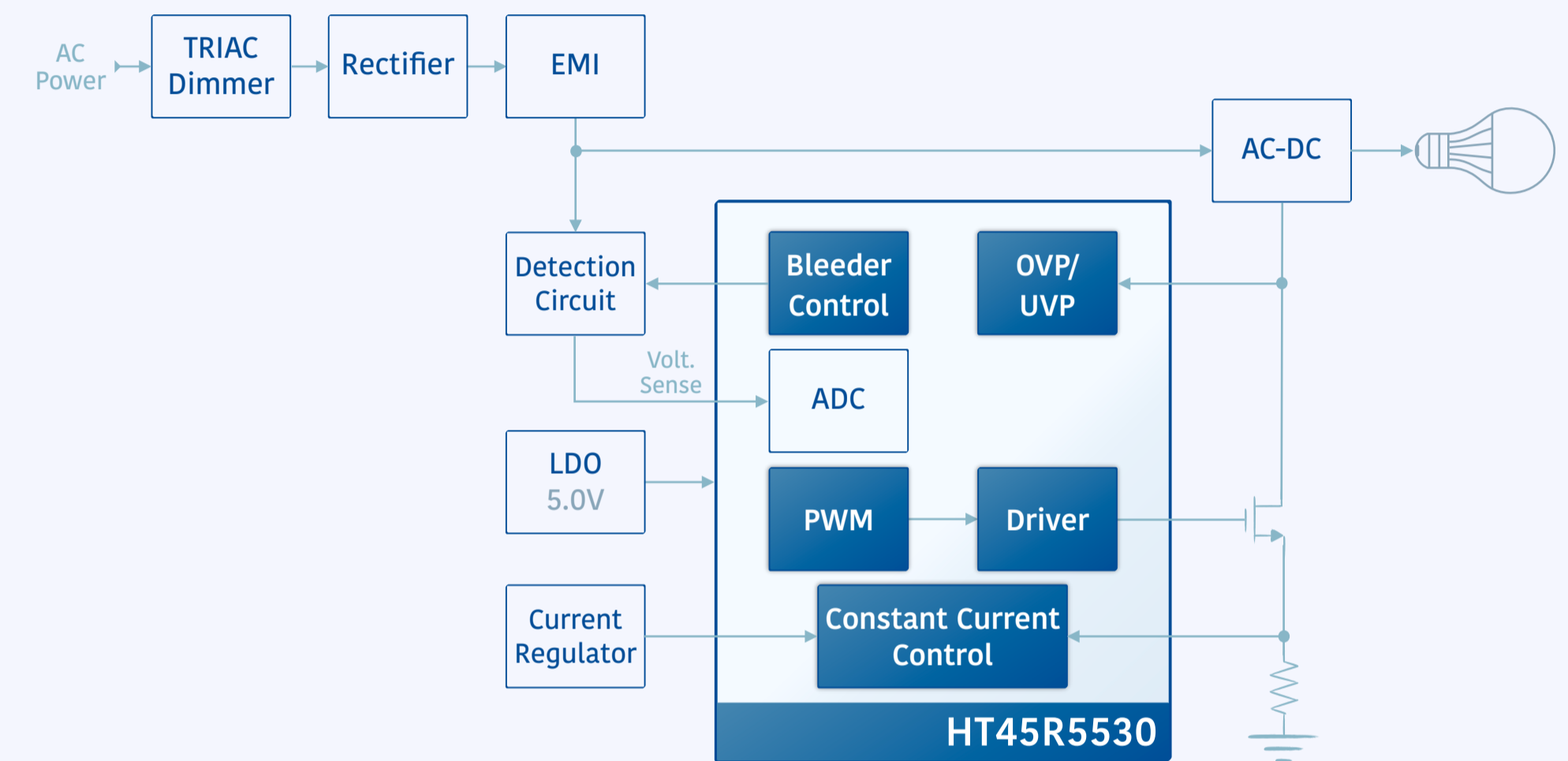
# TRIAC Lighting OTP MCU

## HT45R5530

### Characteristics

- APFC PSR Flyback design to implement isolated LED dimming
- Uses ADC to detect TRIAC turn-on angle
- Provides high power factor, high efficiency and low harmonic distortion
- Supports active bleeder function
- Integrates output over-voltage/short-circuit, VCC under-/over-voltage lock-out, internal and external over-temperature protection mechanisms

### Block Diagram



### Applications

TRIAC dimmable LED drivers, LED plant lights, etc.

