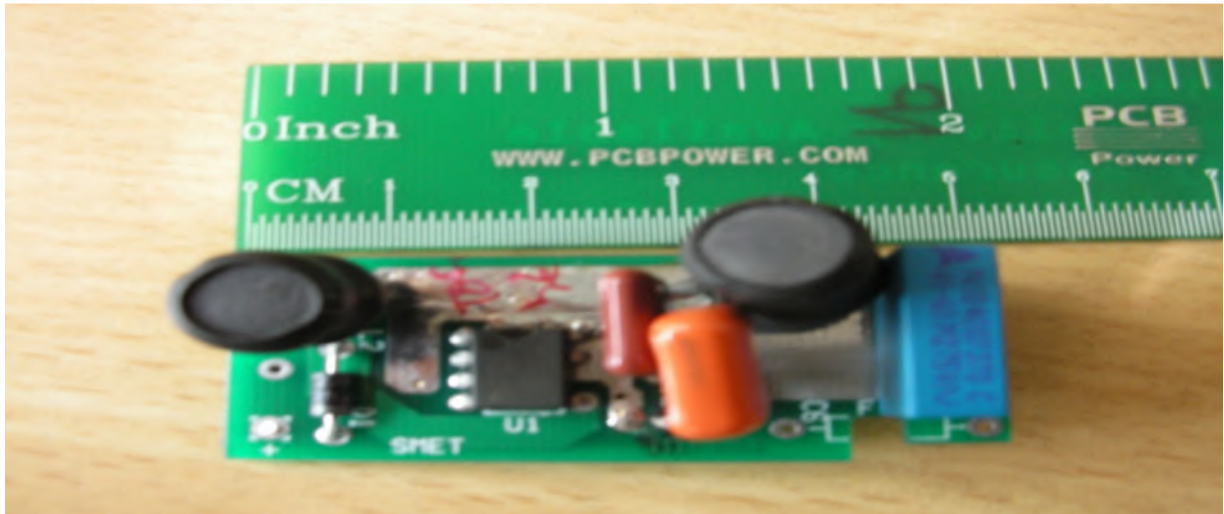
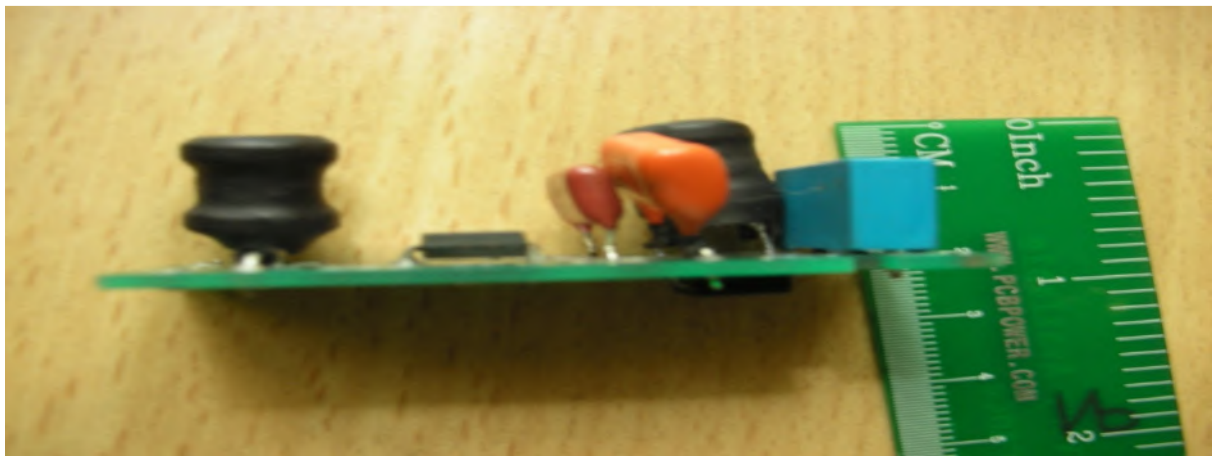


# SM MIP 551 LED BULB BOARD (V1.0)

## TOP VIEW



## SIDE VIEW



## **BOTTOM VIEW**



## **REVISION HISTORY**

Name	Date	Reason for changes	Version
PANASONIC MIP551 LED BULB BOARD	26/8/2011	First version released	1.0

## **INTRODUCTION**

MIP551 is the best device for LED-lighting. LED-lighting using MIP551 has small size & high efficiency by simple design in worldwide input voltage (80 VAC to 280 VAC), and has dimmer control function by external signal.

## ❖ FEATURES

- Worldwide input voltage, 80 VAC to 280 VAC
- Typical LED peak current MIP551 : 0.5 A
- Peak current can be adjusted in two-stage correspond Voltage.
- Dimmer control function : EX-pin voltage range, 0v to 3v
- Function to set input voltage that can be driven L-pin voltage range
- Over temperature protection for IPD (Auto-restart)

## ❖ SPECIFICATIONS

Item	Package	Vdss	Fosc	Idpeak	Ron	Maximum output power (ta=25°c)
MIP5510 MSSCF	DIP7-A1	≥700V	44 kHz (typ.)	0.5A (typ.)	12Ω(typ .)	10W (Io=0.35A, C3=47μF)

## ❖ POWER SUPPLY SECTION

- Input Voltage: 85-138VAC/187-264
- Output Power: 10 Watt

## ❖ APPLICATION

- LED-lighting
- HB-LED drive circuit