

## Features

- Build in RC oscillator for sensor signal detection
- On chip shunt regulated power supply
- Using AC 60Hz(PT8A3511)/50Hz(PT8A3512) as timer clock set by user
- Accurate timer with error dropping in  $\pm 1\%$
- Sensitive movement detection
- Powerful immunity of sensor Vibration
- 30s time out for IRON in static horizontal position
- 8min time out for IRON in static vertical position
- LED to indicate operation status
- Usable in both 120V and 220V voltage supply system
- Quick function test mode
- Few external components
- Drive relay
- DIP-8 package

## Ordering Information

Part Number	Package
PT8A3511PE	Lead free DIP-8
PT8A3512PE	Lead free DIP-8
PT8A3511WE	Lead free SOP-8
PT8A3512WE	Lead free SOP-8

## Description

The PT8A3511/12 are high performance low power and low cost CMOS chips designed for intelligent electric IRON controller. Their intelligence mainly results from their sensitive detection to the movement and static position of electric iron by using a special sensor. With the sensor, these chips can detect the vertical/horizontal position and movement status of IRON.

These chips are equipped with on-chip shunt regulator, sensor signal processor, build-in oscillator, timer, logic control, power on reset and output driving block etc.

## Application

- Electric Iron Controller

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