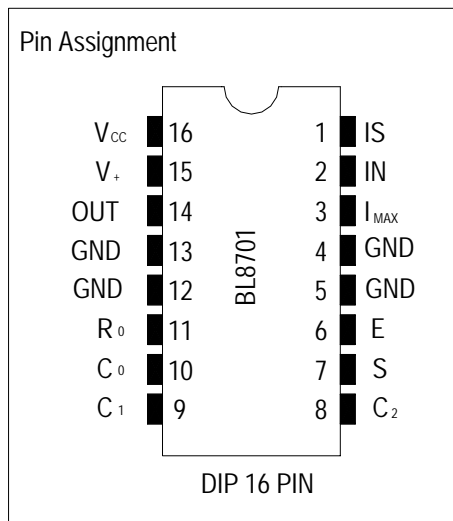


Introduction

BL8701 is a switch mode power supply controller integrated circuit manufactured by use of the silicon gate BICMOS technology. As an AC-DC switching control circuit, it has two different operating modes, mainly applicable to the switch power supply of the TV receiver, VCR, and monitor, etc.



Features

- Two operating modes (Standby Mode and Normal Mode).
- High output driving current (positive current 1.2A, and negative current -2A).
- Soft starting function, with low starting current.
- Two-level overcurrent limitation (double threshold) protection.
- Repetitive overload protection
- Automatic power supply voltage detection, and overvoltage and undervoltage protection.
- Double pulse suppression function.
- Automatic recognition in Stand By Mode.
- Large power regulation capability in Stand By Mode.
- Internal Pulse width modulation (PWM) signal generator.

Applications

Used as an AC-DC switching control circuit.

