

Part Number : STR W5753A

Function : Flyback Switching Regulator

Package : TO-220 6Pin Type

Manufacturers : Allegro, Sanken

Description

The STR-W6753 is a quasi-resonant regulator specifically designed to satisfy the requirements for increased integration and reliability in switch-mode power supplies. It incorporates a primary control and drive circuit with an avalanche-rated power MOSFET. The regulator exhibits only low-level high-frequency EMI noise because of soft switching of the MOSFET close to ground (bottom point). A bottom-skip function minimizes an increase of operational frequency during light loads to improve system efficiency over the entire load range.

Features

1. Auto-Bias Function, Stable Burst Operation Without Generating Interference
2. Internal Off-Timer Circuit
3. Built-In Constant-Voltage Drive
4. Multiple Protections:
 - (1) Pulse-by-Pulse Overcurrent Protection
 - (2) Overload Protection with Auto Recovery
 - (3) Latching Overvoltage Protection
 - (4) Undervoltage Lockout with Hysteresis