
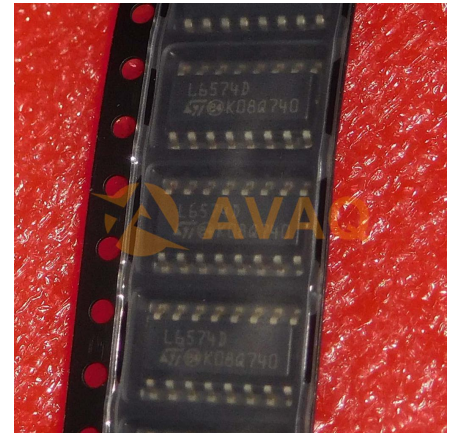


## CFL/TL Ballast Driver 16-Pin SO Tube

<b>Manufacturer:</b>	<u>STMicroelectronics, Inc</u>
<b>Package/Case:</b>	SOP16
<b>Product Type:</b>	Drivers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

## General Description

In order to ensure voltage ratings in excess of 600V, the L6574 is manufactured with BCD OFF LINE technology, which makes it well suited for lamp ballast applications. The device is intended to drive two power MOSFETS, in the classical half bridge topology, ensuring all the features needed to drive and properly control a fluorescent bulb. A dedicated timing section in the L6574 allows the user set the necessary parameters for proper preheat and ignition of the lamp. Also, an OP AMP is available to implement closed loop control of the lamp current during normal lamp burning. An integrated bootstrap section, eliminating the normally required bootstrap diode and the zener clamping on Vs, makes the L6574 well suited for low cost applications where few additional components are needed to build a high performance ballast.

## Key Features

HIGH ACCURACY CURRENT CONTROLLED OSCILLATOR

SENSE OP AMP FOR CLOSED LOOP CONTROL OR PROTECTION FEATURES

CLAMPING ON VS.

INTEGRATED BOOTSTRAP DIODE

SO16, DIP 16 PACKAGES

UNDER VOLTAGE LOCK OUT

CMOS SHUT DOWN INPUT

HIGH VOLTAGE RAIL UP TO 600V

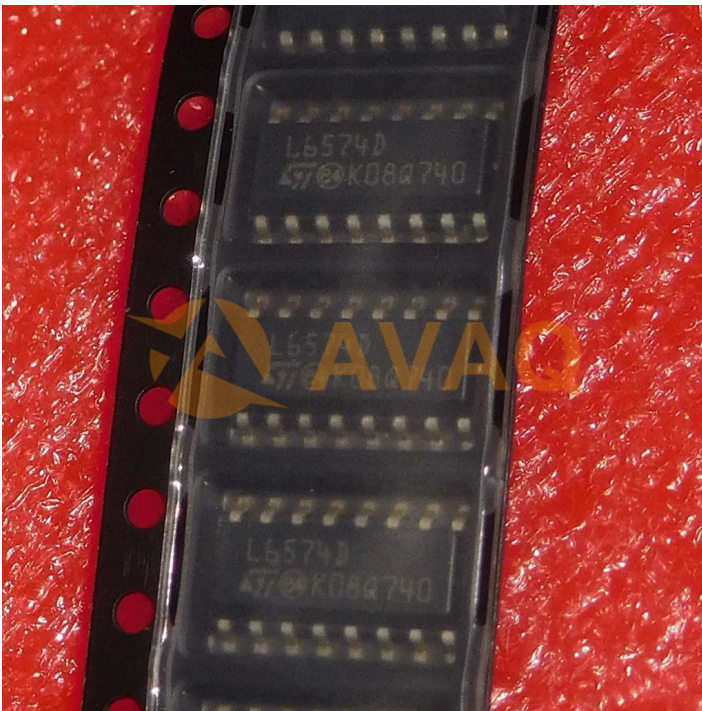
DRIVER CURRENT CAPABILITY: 250mA SOURCE 450mA SINK

dV/dt IMMUNITY  $\pm 50$  V/ns IN FULL TEMPERATURE RANGE

WITH 1nF LOAD

PREHEAT AND FREQUENCY SHIFTING TIMING

SWITCHING TIMES 80/40ns RISE/FALL



## Recommended For You

### L6375S

STMicroelectronics, Inc

SOP8

### L6201PS

STMicroelectronics, Inc

HSOP20

### L6562N

STMicroelectronics, Inc

DIP8

**L6384ED013TR**

STMicroelectronics, Inc

SOP8

**L6387ED**

STMicroelectronics, Inc

SOP8

**L6561D**

STMicroelectronics, Inc

SOP-8

**L6574**

STMicroelectronics, Inc

DIP16

**L6506D**

STMicroelectronics, Inc

SOP20

**L6395DTR**

STMicroelectronics, Inc

SOP8

**L6388ED013TR**

STMicroelectronics, Inc

SOP-8

**L6384ED**

STMicroelectronics, Inc

SOP8

**L6388ED**

STMicroelectronics, Inc

SOP8

**L6562ATD**

STMicroelectronics, Inc

SOP

**L6718**

STMicroelectronics, Inc

QFN56

**L6376D**

STMicroelectronics, Inc

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