

# STR-L400 Series

#### Power IC for Quasi-Resonant Type Switching Power Supply with High Efficiency, Low Noise Low-Height, and Enough Creepage Isolation (>6mm) between High and Low Voltage Terminals

#### ■ General Descriptions

The STR-L400 series products are power ICs for quasi-resonant switching type power supplies, incorporating a power MOSFET and a controller IC in the SIP-10 package.

The product achieves high efficiency and low noise power supply systems by the quasi-resonant operation. The product is recommended for the systems requiring low-height and enough clearance and creepage isolation between high and low voltage terminals.



#### Features

- Quasi-Resonant Operation
- Current-Mode Control
- Built-in Oscillator for Low Frequency Operation

The operation with low frequency of 50µs OFF time (around 22 kHz), until the quasi-resonant signal becomes valid, reduces the stress on components at startup and load-shorted.

SIP-10 Package (Sanken designation: STA-10L), recommended for auxiliary power supplies of White Goods.
 Straight lead pitch: 2.54mm. Height over PCB: < 12mm.</li>

Clearance and Creepage Isolation on PCB between high and low voltage terminals: 6.5mm (4 pins removed)

Input Compensation at Overcurrent

The function reduces the distortion of overcurrent operation point to AC input voltage change by adding three components.

- Built-in Avalanche Energy Guaranteed High-Voltage Power MOSFET
- · Various Protections

Overcurrent Protection (OCP)	Pulse-by-Pulse
Overload Protection (OLP)	Latch Shutdown
Thermal Shutdown Protection (TSD)	Latch Shutdown

#### Applications

Switching Power Supplies for

Standby Power Supplies, Home Appliances (White Goods), Digital Consumer Equipment, OA Equipment, Industry Machines, Communication Devices, Others

#### ■ Product Lineup

Product No	MOSFET V <sub>DSS</sub> MIN(V)	R <sub>DSCOO</sub> MAX (Ω)
STR-L451	650	3.95
STR-L472	900	7.7

# **Str Dg5instruction Manual**

**Jin-Ying Zhang** 

**Str Dg5instruction Manual:** 

### Decoding **Str Dg5instruction Manual**: Revealing the Captivating Potential of Verbal Expression

In a period characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its power to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Str Dg5instruction Manual**," a mesmerizing literary creation penned by a celebrated wordsmith, readers embark on an enlightening odyssey, unraveling the intricate significance of language and its enduring impact on our lives. In this appraisal, we shall explore the book is central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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