

Regulating Pulse Width Modulators (Pulse Width Modulation)

Manufacturers	STMicroelectronics, Inc
Package/Case	DIP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SG3525A or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

SG3525A is a pulse width modulation (PWM) controller IC used in power electronics applications such as voltage regulators, DC-DC converters, and inverters. It is manufactured by multiple semiconductor companies, including STMicroelectronics, Texas Instruments, and ON Semiconductor.

Features

- Wide input voltage range (8V to 35V)
- Adjustable output dead-time control
- Soft start capability
- Undervoltage lockout
- Error amplifier with input common-mode voltage range that includes the reference voltage
- Oscillator frequency range of 100 Hz to 500 kHz

Application

- Power supply units
- DC-DC converters
- Solar inverters
- Uninterruptible power supplies (UPS)
- Battery chargers
- Induction heating
- Switch-mode power supplies (SMPS)

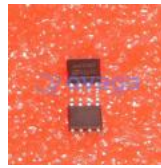


Related Products



[MK48Z02B-15](#)

STMicroelectronics, Inc
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SOP8



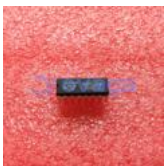
[M41T00S](#)

STMicroelectronics, Inc
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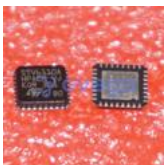
[TEA3718S](#)

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STMicroelectronics, Inc
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