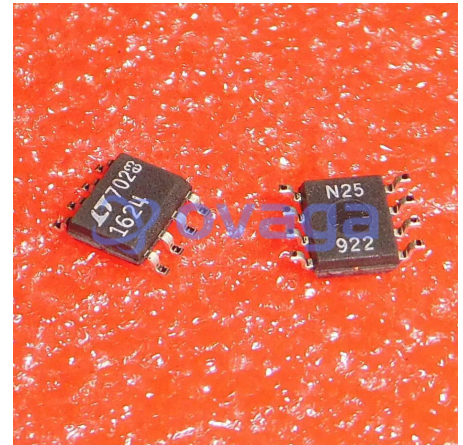


DC/DC Cntrlr Single-OUT Step Down/Step Up 200kHz Automotive 8-Pin SOIC N

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOP-8
Product Type	Switch, DC to DC regulator, the controller
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1624CS8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

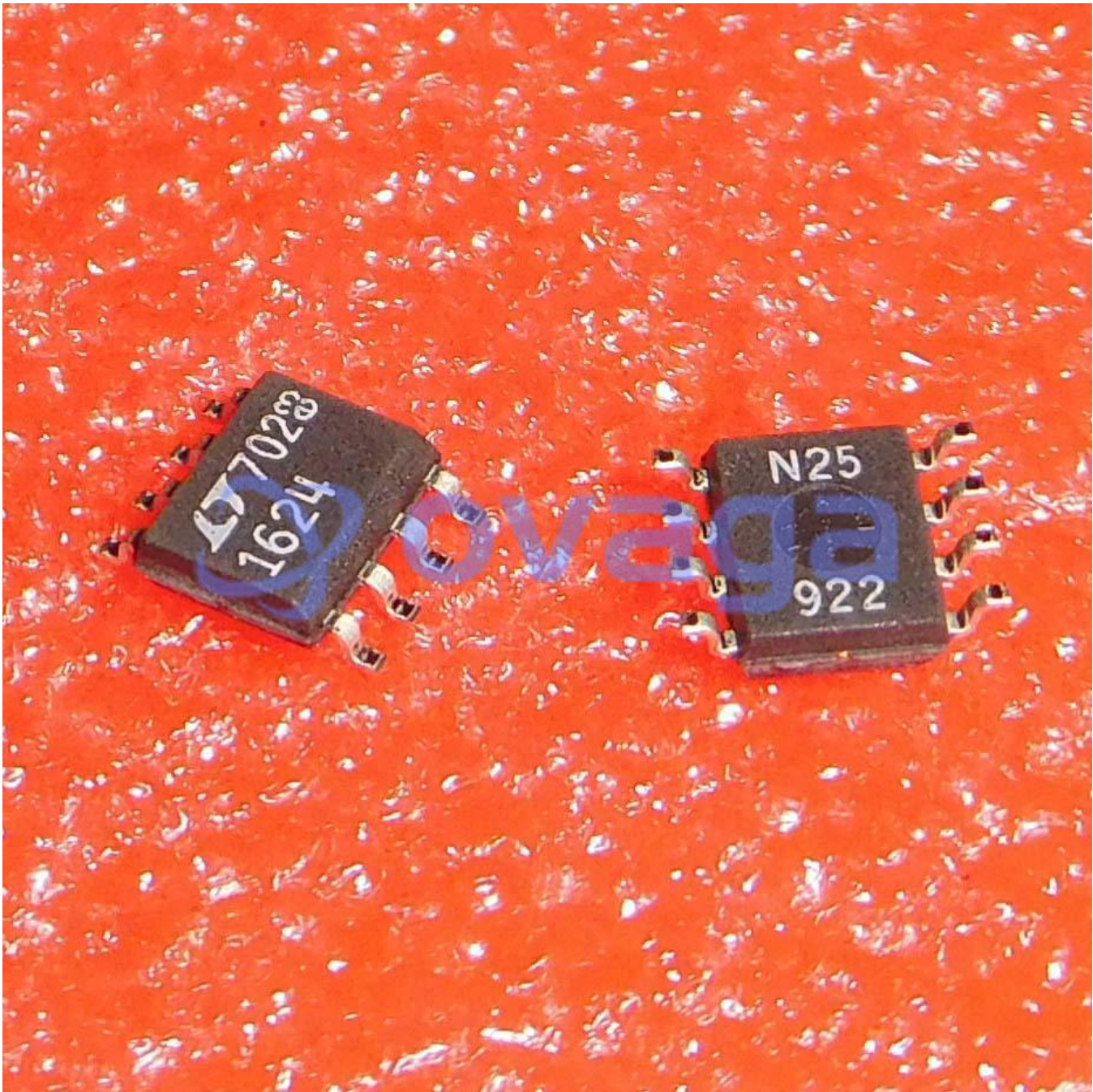
LTC1624CS8 is a voltage regulator IC (integrated circuit) designed and manufactured by Linear Technology Corporation (now part of Analog Devices Inc.). The LTC1624CS8 is a high efficiency synchronous step-down switching regulator that can operate over a wide input voltage range.

### Features

- Wide input voltage range: 4.5V to 30V
- Output voltage adjustable down to 0.8V
- Output current up to 2.5A
- High efficiency: up to 94%
- Switching frequency: up to 500kHz
- Integrated N-channel MOSFETs
- Adjustable soft-start
- Short-circuit protection
- Thermal shutdown protection

### Application

- Distributed power systems
- Telecom and networking equipment
- Industrial automation and control
- Automotive and transportation systems
- Battery-powered devices



## Related Products



### [LT3430IFE](#)

Analog Devices, Inc  
TSSOP-16



### [LTC3832EGN](#)

Analog Devices, Inc  
SSOP-16



### [LTC3900ES8](#)

Analog Devices, Inc  
SOP8



### [LT1074IT7](#)

Analog Devices, Inc  
TO-220-7



[LT1074HVCT7](#)

Analog Devices, Inc  
TO-220-7



[LT1158CSW](#)

Analog Devices, Inc  
SOP16



[LTC1625IS](#)

Analog Devices, Inc  
SOP16



[LTC1625CS](#)

Analog Devices, Inc  
SOIC-16