

No RSENSE™ Current Mode Synchronous Step-Down Switching Regulator

Manufacturers	Analog Devices, Inc
Package/Case	SOIC-16
Product Type	Switch, DC to DC regulator, the controller
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LTC1625CS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LTC1625CS is a switching regulator controller IC manufactured by Linear Technology (now part of Analog Devices). It is a step-up, step-down, and inverting DC/DC converter controller that operates over a wide input voltage range of 4V to 40V.

Features

- Wide input voltage range of 4V to 40V
- Adjustable output voltage up to 40V
- 2.25A, 1.2A switches included
- High efficiency synchronous rectification
- Programmable switching frequency up to 500kHz
- Soft-start and current limiting functions
- Internal compensation and error amplifier

Application

- LM3478
- LT3478
- MAX668
- TPS40055
- ADP2384





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](#)

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SOP16



[LTC1628CG](#)

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SSOP-28