

1.2A, Step-Down Switching Regulator in 3mm x 3mm DFN; Package: DFN; No of Pins: 8;  
Temperature Range: -40°C to +125°C

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	DFN-8
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LT3505EDD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LT3505EDD is a high efficiency, monolithic synchronous buck regulator with an input voltage range of 3.6V to 36V. It is capable of delivering up to 1A of continuous output current and features a fixed frequency, peak current mode control architecture.

### Features

- Input voltage range: 3.6V to 36V
- Output voltage range: 0.8V to 30V
- Output current: up to 1A
- High efficiency: up to 95%
- Internal synchronous rectifier
- Fixed frequency operation: 1.2MHz
- Soft-start
- Short-circuit protection
- Thermal shutdown

### Application

- Industrial control systems
- Telecom infrastructure
- Automotive systems
- Portable instrumentation
- Battery-powered devices
- Point-of-load power supplies
- LED driver circuits

## Related Products



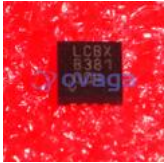
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