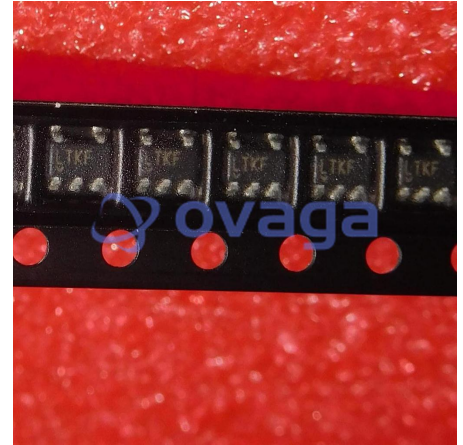


Conv DC-DC 1.2V to 15V Inv Single-Out -34V 0.4A Micropower 5-Pin TSOT-23 T/R

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	TSOT23
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT1617ES5#TRMPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

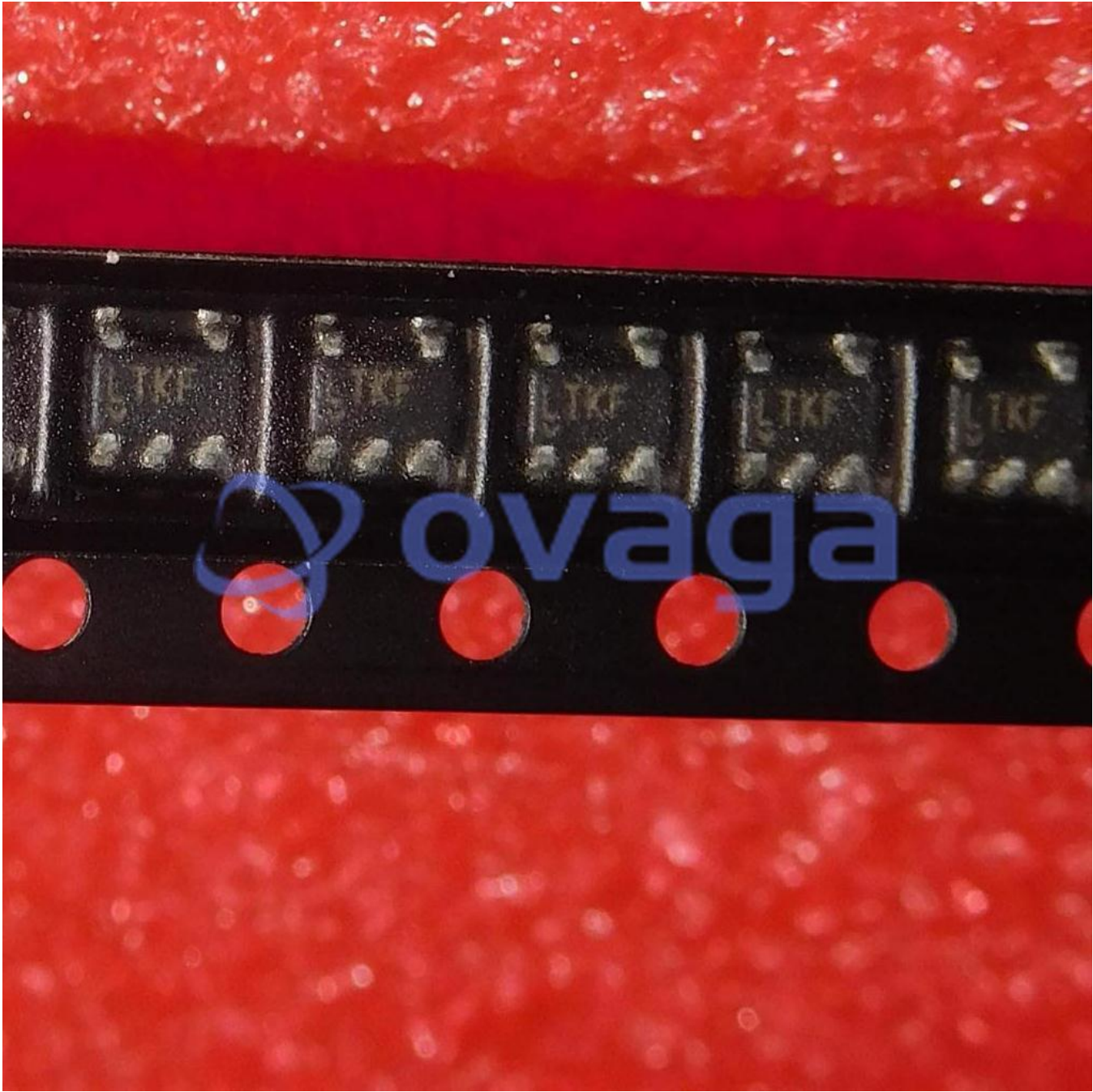
The LT1617/LT1617-1 are micropower inverting DC/DC converters in a 5-lead SOT-23 package. The LT1617 is designed for higher power systems with a 350mA current limit and an input voltage range of 1.2V to 15V, whereas the LT1617-1 is intended for lower power and single-cell applications with a 100mA current limit and an extended input voltage range of 1V to 15V. Otherwise, the two devices are functionally equivalent. Both devices feature a quiescent current of only 20 $\mu$ A at no load, which further reduces to 0.5 $\mu$ A in shutdown. A current limited, fixed off-time control scheme conserves operating current, resulting in high efficiency over a broad range of load current. The 36V switch allows high voltage outputs up to -34V to be easily generated without the use of costly transformers. The LT1617's low off-time of 400ns permits the use of tiny, low profile inductors and capacitors to minimize footprint and cost in space-conscious portable applications.

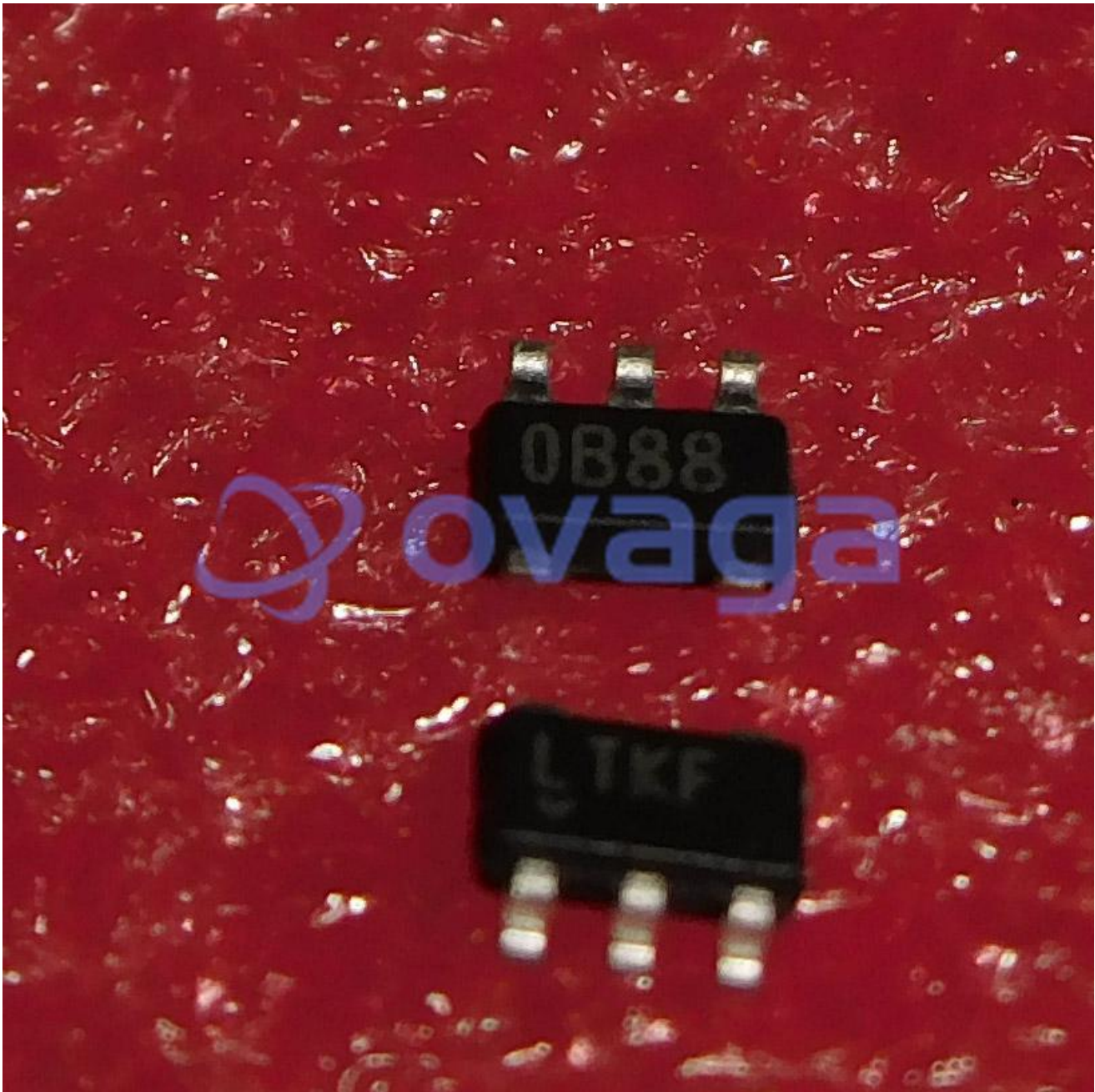
## Features

- Low Quiescent Current:
- 20 $\mu$ A in Active Mode
- Operates with VIN as Low as 1V
- Low VCESAT Switch: 250mV at 300mA
- Uses Small Surface Mount Components
- High Output Voltage: Up to -34V
- Tiny 5-Lead SOT-23 Package

## Application

- LCD Bias
- Handheld Computers
- Battery Backup
- Digital Cameras





### Related Products



[LT3763EFE](#)

Analog Devices, Inc  
TSSOP28



[LT1038CK](#)

Analog Devices, Inc  
TO-3



[LTC4417IUF](#)

Analog Devices, Inc  
QFN-24



[LTC3440EMS](#)

Analog Devices, Inc  
MSOP10



[LTC1966CMS8#PBF](#)

Analog Devices, Inc  
MSOP-8P



[LTC2990IMS#PBF](#)

Analog Devices, Inc  
10MSOP



[LTM8045EY#PBF](#)

Analog Devices, Inc  
BGA40



[LT4295IUFD#PBF](#)

Analog Devices, Inc  
28-WFQFN