

IC REG BUCK/BST/LINEAR 20TSSOP

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	20-TSSOP
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for LT3570IFE#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The LT3570 is a buck and boost converter with internal power switches and LDO controller. Each converter is designed with a 1.5A current limit and an input range from 2.5V to 36V, making the LT3570 ideal for a wide variety of applications. Switching frequencies up to 2.1MHz are programmed with an external timing resistor and the oscillator can be synchronized to an external clock up to 2.75MHz.

The LT3570 features a programmable soft-start function that limits the feedback voltage during start-up helping prevent overshoot and limiting inrush current. The LDO controller is capable of delivering up to 10mA of base current to an external NPN transistor.

## Features

2.5V to 36V Input Voltage Range

Programmable Switching Frequency from 500kHz to 2.1MHz

Synchronizable Up to 2.75MHz

V<sub>OUT</sub>(MIN): 0.8V

Independent Soft-Start for Each Converter

Separate VIN Supplies for Each Converter

Duty Cycle Range: 0% to 90% at 1MHz

Available in 24-Lead (4mm × 4mm) QFN and 20-Lead TSSOP Packages

## Application

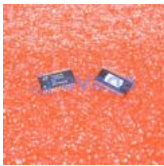
Cable and Satellite Set-Top Boxes

Automotive Systems

Telecom Systems

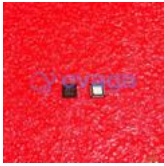
TFT LCD Displays

## Related Products



[LT3763EFE](#)

Analog Devices, Inc  
TSSOP28



[LTC4417IUF](#)

Analog Devices, Inc  
QFN-24



[LTC1966CMS8#PBF](#)

Analog Devices, Inc  
MSOP-8P



[LTM8045EX#PBF](#)

Analog Devices, Inc  
BGA40



[LT1038CK](#)

Analog Devices, Inc  
TO-3



[LTC3440EMS](#)

Analog Devices, Inc  
MSOP10



[LTC2990IMS#PBF](#)

Analog Devices, Inc  
10MSOP



[LT4295IUFD#PBF](#)

Analog Devices, Inc  
28-WFQFN