

IC REG BUCK SYNC ADJ 0.8A 16QFN

Manufacturers

[Analog Devices, Inc](#)

Package/Case

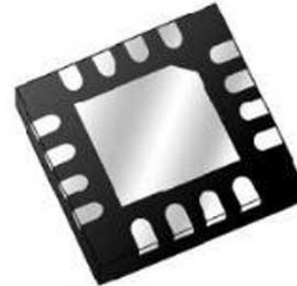
QFN16

Product Type

Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for LTC3545IUD#PBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The LTC3545/LTC3545-1 are triple, high efficiency, monolithic synchronous buck regulators using a constant frequency, current mode architecture. The regulators operate independently with separate run pins. The 2.25V to 5.5V input voltage range makes the LTC3545/LTC3545-1 well suited for single Li-Ion battery-powered applications. Low ripple pulse skip mode or high efficiency Burst Mode operation is externally selectable. PWM pulse skip mode operation provides very low output ripple voltage while Burst Mode operation increases efficiency at low output loads.

Switching frequency is internally set to 2.25MHz, or the switching frequency can be synchronized to an external 1MHz to 3MHz clock. Power good indicators easily allow power on sequencing between the three regulators.

The internal synchronous switches increase efficiency and eliminate external Schottky diodes. Low output voltages are supported with the 0.6V feedback reference voltage.

The LTC3545-1 replaces the SYNC/MODE function with a third PGOOD pin and forces Burst Mode operation.

Features

Three 800mA Outputs

High Efficiency: Up to 95%

2.25V to 5.5V Input Voltage Range

Low Ripple (<20mVP-P) Burst Mode® Operation IQ: 58uA

2.25MHz Constant Frequency Operation

Synchronizable to External 1MHz to 3MHz Clock

Power Good Indicators Ease Supply Sequencing

0.6V Reference Allows Low Output Voltages

Current Mode Operation/Excellent Transient Response

Low Profile 16-Lead 3mm × 3mm QFN Package

Application

Smart Phones

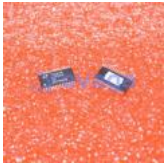
Wireless and DSL Modems

Digital Still Cameras

Portable Instruments

Point of Load Regulation

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



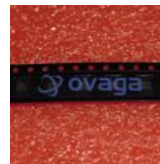
[LTC3440EMS](#)

Analog Devices, Inc
MSOP10



[LTC2990IMS#PBF](#)

Analog Devices, Inc
10MSOP



[LT4295IUFD#PBF](#)

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28-WFQFN