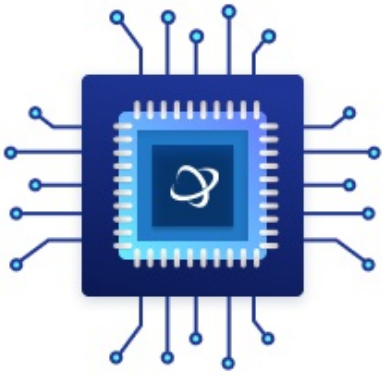
# HMC860LP3E

Data Sheet

Standard Regulator Pos 3.05V3.05V3.05V4.5V 0.08A/0.02A/0.02A/0.12A 16-Pin QFN EP T/R

| | |
|---|---|
| Manufacturers | Analog Devices, Inc |
| Package/Case | LP3 |
| Product Type | Power Management ICs |
| RoHS | Pb-free Halide free |
| Lifecycle | |



Images are for reference only

Please submit RFQ for HMC860LP3E or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

## General Description

The HMC860LP3E is a BiCMOS ultra low noise quad-output voltage regulator. It features a low noise band-gap reference externally decoupled for best in-close noise performance. High Power Supply Rejection Ratio (PSRR) in the 0.1 MHz to 10 MHz range provides excellent rejection of preceding switching regulator noise. The four voltage outputs are ideal for frequency generation subsystems including Hittite's broad line of PLLs with Integrated VCOs. Each output voltage can be adjusted higher or lower than the default value by using one external resistor.

Each output can be set to 5V by grounding the corresponding HV pin. The regulator can be powered down by the TTL-compatible Enable input. The HMC860LP3E is housed in a 3x3mm QFN SMT package.

## Features

Ultra Low Noise:3nV/√Hz at 10 kHz,7nV/√Hz at 1 kHz

High Power Supply Rejection Ratio (PSRR) 80 dB at 1 kHz, 60 dB at 1 MHz

Four Voltage Outputs:VR1 @ 3V / 80 mAVR2, VR3 @ 3V / 20 mAVR4 @ 4.5V / 120 mA

Adjustable Outputs: 2.5V to 5.2V

Low Power-Down Current: <1 µA

16 Lead 3x3mm SMT Package: 9mm²

## Application

Test Instrumentation

Military Radios, Radar and ECM

Basestation Infrastructure

Ultra Low Noise Frequency Generation

Fractional-N Synthesizer Supply

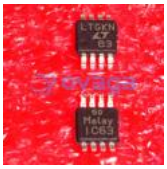
Mixed-Signal Circuit Supply

**Related Products**

[HMC1060LP3ETR]

Analog Devices, Inc

QFN16



[LT6657AHMS8-2.5#PBF]

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MSOP-8

[LTC6655CHMS8-1.25#PBF]

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MSOP8

[LTC6655BHMS8-1.25#PBF]

Analog Devices, Inc

8MSOP

[LTC6652AHMS8-2.5#PBF]

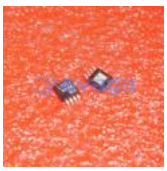
Analog Devices, Inc

MSOP8

[LTC6652AHMS8-2.048#PBF]

Analog Devices, Inc

MSOP8



[LT3580HMS8E#TRPBF]

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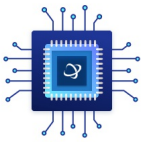
MSOP-8



[HMC981]

Analog Devices, Inc

Die