

Clock Generator 5MHz to 4GHz Input 165MHz Output 16Pin TSSOP

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|---------------|-------------------------------------|
| Manufacturers | Analog Devices, Inc |
| Package/Case | TSSOP-16 |
| Product Type | Clock & Timer ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for ADF4113BRU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADF4113BRU is a specific integrated circuit (IC) from Analog Devices, Inc., which is a frequency synthesizer with integrated voltage-controlled oscillator (VCO). It is commonly used in electronic applications where precise frequency synthesis and control are required.

Features

Wide frequency range: The ADF4113BRU can generate frequencies from 35 MHz to 4400 MHz

Fractional-N synthesizer: It has a fractional-N synthesizer architecture that allows for fine frequency resolution.

Integrated VCO: The ADF4113BRU includes an integrated VCO with a wide tuning range.

Low phase noise: It has low phase noise performance, which makes it suitable for applications that require high frequency stability and low noise characteristics.

Programmable output power: The output power level of the ADF4113BRU can be programmed to suit the specific requirements of the application.

Serial interface: It has a serial interface for easy control and configuration.

Application

Wireless communication systems: The ADF4113BRU can be used in wireless communication systems, such as cellular base stations, wireless local area networks (WLANs), and satellite communication systems, for frequency synthesis and control.

Radar systems: It can be used in radar systems for generating stable and precise frequencies for radar signal processing.

Test and measurement equipment: The ADF4113BRU can be used in test and measurement equipment, such as signal generators and spectrum analyzers, for frequency generation and control.

Industrial applications: It can be used in industrial applications, such as process control systems, where precise frequency synthesis is required.



Related Products



[ADF4350BCPZ](#)

Analog Devices, Inc
LFCSP-32



[AD9516-4BCPZ](#)

Analog Devices, Inc
LFCSP64



[ADF4111BRUZ](#)

Analog Devices, Inc
TSSOP-16



[ADF4113BRUZ](#)

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[ADF4116BRUZ](#)

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[ADF4110BRUZ](#)

Analog Devices, Inc
TSSOP-16



[ADF4193BCPZ](#)

Analog Devices, Inc

LFCSP-32



[AD2S99BPZ](#)

Analog Devices, Inc

PLCC-20