

Clock Generator 100MHz to 300MHz Input 200MHz Output 16Pin TSSOP Tube

Manufacturers [Analog Devices, Inc](#)

Package/Case TSSOP-16

Product Type Clock & Timer ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for ADF4118BRU or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADF4118BRU is a specific part number for a device manufactured by Analog Devices Inc., which is a semiconductor company specializing in integrated circuits (ICs) for various applications. ADF4118BRU is a frequency synthesizer and clock generator IC with specific features tailored for specific applications.

Features

Wide frequency range: It can generate output frequencies from 35 MHz to 4400 MHz.

Fractional-N synthesizer: It offers high-resolution frequency synthesis, allowing for fine frequency tuning.

Low phase noise: It provides low phase noise performance, which is important in applications that require stable and clean clock signals.

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

Low power consumption: It is designed to operate with low power consumption, making it suitable for battery-powered devices and low-power applications.

Programmable output power level: It allows for adjustable output power levels, making it flexible for different system requirements.



Application

Wireless communication systems: It can be used in wireless communication systems such as cellular base stations, wireless local area networks (WLANs), and satellite communication systems.

Radar systems: It is suitable for radar systems that require precise and stable frequency generation.

Test and measurement equipment: It can be used in test and measurement equipment that requires frequency synthesis and clock generation.

Clock synthesis in digital systems: It can be used in digital systems that require clock generation and synchronization, such as data converters, microprocessors, and digital signal processors (DSPs).

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](#)

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[ADF4193BCPZ](#)

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LFCSP-32



[AD2S99BPZ](#)

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PLCC-20