

# ADF4118BRU

Data Sheet

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

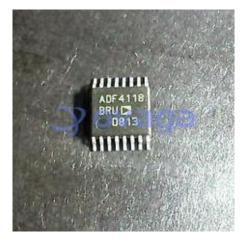
Manufacturers <u>Analog Devices, Inc</u>

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 We will contact you in 12 hours.

**RFO** 

## **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.



#### **Related Products**



ADF4350BCPZ

Analog Devices, Inc

LFCSP-32



Analog Devices, Inc TSSOP-16

ADF4111BRUZ



Analog Devices, Inc TSSOP-16

### **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).



AD9516-4BCPZ
Analog Devices, Inc
LFCSP64



Analog Devices, Inc TSSOP-16



ADF4110BRUZ

Analog Devices, Inc
TSSOP-16



ADF4193BCPZ
Analog Devices, Inc
LFCSP-32



AD2S99BPZ
Analog Devices, Inc
PLCC-20