ADF4106BRU

Data Sheet

Clock Generator 20MHz to 6GHz Input 325MHz 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 ADF4106BRU or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

ADF4106BRU is a high-performance frequency synthesizer integrated circuit (IC) manufactured by Analog Devices Inc. It is a member of the ADF4106 family of frequency synthesizers, which are designed for use in various wireless communication systems and applications.

Features

Wide frequency range: The IC can operate from 2.7 GHz to 4.0 GHz, making it suitable for use in a variety of wireless applications.

Low phase noise: The ADF4106BRU offers low phase noise performance, which is critical for high-quality signal generation in wireless communication systems.

Programmable output power: The output power of the ADF4106BRU can be programmed over a range of -4 dBm to +5 dBm.

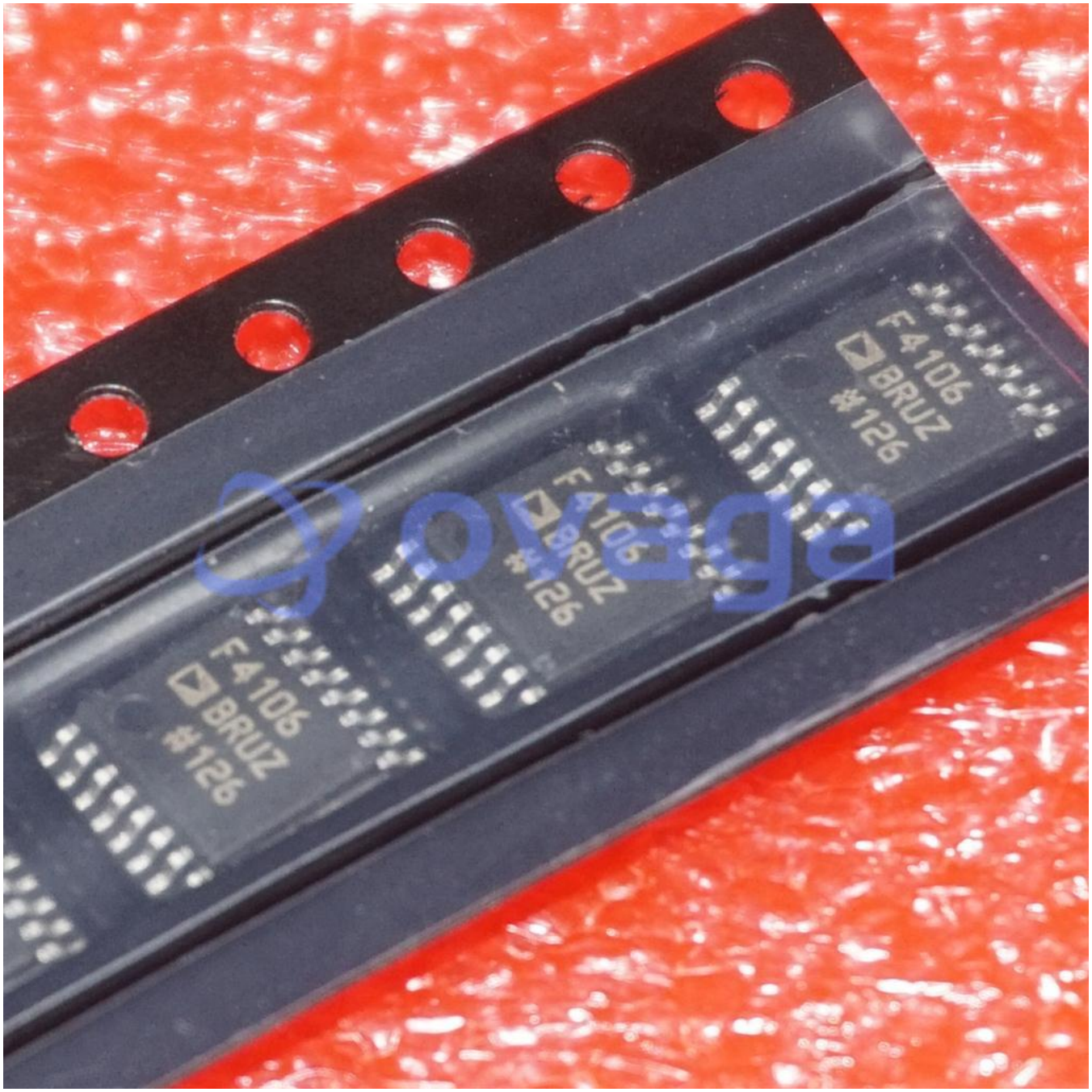
On-chip VCO: The IC includes an on-chip voltage-controlled oscillator (VCO) that can operate from 3.8 GHz to 4.1 GHz.

Application

Wireless communication systems: The IC can be used in a variety of wireless communication systems, including cellular base stations, wireless local area networks (WLANs), and satellite communication systems.

Test and measurement equipment: The ADF4106BRU can be used in test and measurement equipment to generate high-quality signals for testing purposes.

Radar systems: The IC can be used in radar systems to generate signals for target detection and tracking.



Related Products

[ADF4350BCPZ](#)

Analog Devices, Inc

LFCSP-32

[AD9516-4BCPZ](#)

Analog Devices, Inc

LFCSP64

[ADF4111BRUZ](#)

Analog Devices, Inc

TSSOP-16

[ADF4113BRUZ](#)

Analog Devices, Inc

TSSOP-16

ADF4116BRUZ

Analog Devices, Inc

TSSOP-16

ADF4110BRUZ

Analog Devices, Inc

TSSOP-16

ADF4193BCPZ

Analog Devices, Inc

LFCSP-32

AD2S99BPZ

Analog Devices, Inc

PLCC-20