MAX2871ETJ+T

Data Sheet

23.5MHz to 6000MHz Fractional/IntegerN Synthesizer/VCO

Manufacturers	Analog Devices, Inc
Package/Case	QFN
Product Type	RF Integrated Circuits
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for MAX2871ETJ+T or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

MAX2871ETJ+T is a high-performance frequency synthesizer integrated circuit (IC) developed by Maxim Integrated. It is a fully integrated phase-locked loop (PLL) with an ultra-low noise voltage-controlled oscillator (VCO) and an integer-N frequency divider.

Features

Output frequency range: 23.5 MHz to 6.0 GHz

Integrated VCO with low phase noise: -122 dBc/Hz at 1 MHz offset

Fractional-N or integer-N frequency synthesizer

12-bit frequency resolution

Programmable RF output power level

Low power consumption: 130 mA at 3.3 V

Small 5 mm x 5 mm QFN package

Application

Wireless infrastructure

Test and measurement equipment

Satellite communication systems

Radar systems

Radio broadcasting

Cable TV head-end equipment

Industrial and scientific applications

Related Products

[MAX2634AXT/V+T]

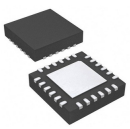
Analog Devices, Inc

SC-70-6

[MAX2235EUP]

Analog Devices, Inc

TSSOP20



[MAX2870ETJ]

Analog Devices, Inc

TQFN-32

[LTP5902IPC-IPMA#PBF]

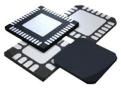
Analog Devices, Inc

SMD

[LTP5901IPC-IPMA#PBF]

Analog Devices, Inc

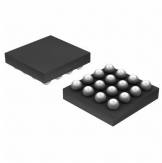
SMD



[LTC5800IWR-IPMA#PBF]

Analog Devices, Inc

QFN72



[MAX2242EBC-T]

Analog Devices, Inc

UCSP-12

[MAX2634AXT+T]

Analog Devices, Inc

SC-70-6