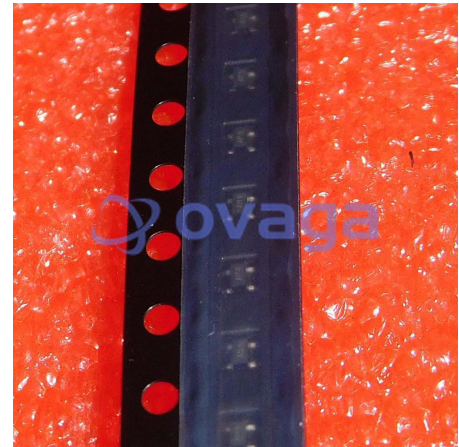


NPN Silicon RF Transistor

Manufacturers	Infineon Technologies Corporation
Package/Case	TSFP-4
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BFP420F or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BFP420F is a high-frequency NPN transistor that is designed for use in applications that require low noise, high gain, and low power consumption.

Features

High transition frequency (ft) of 12 GHz

Low noise figure (NF) of 1 dB at 1 GHz

High power gain (S21) of 15 dB at 1 GHz

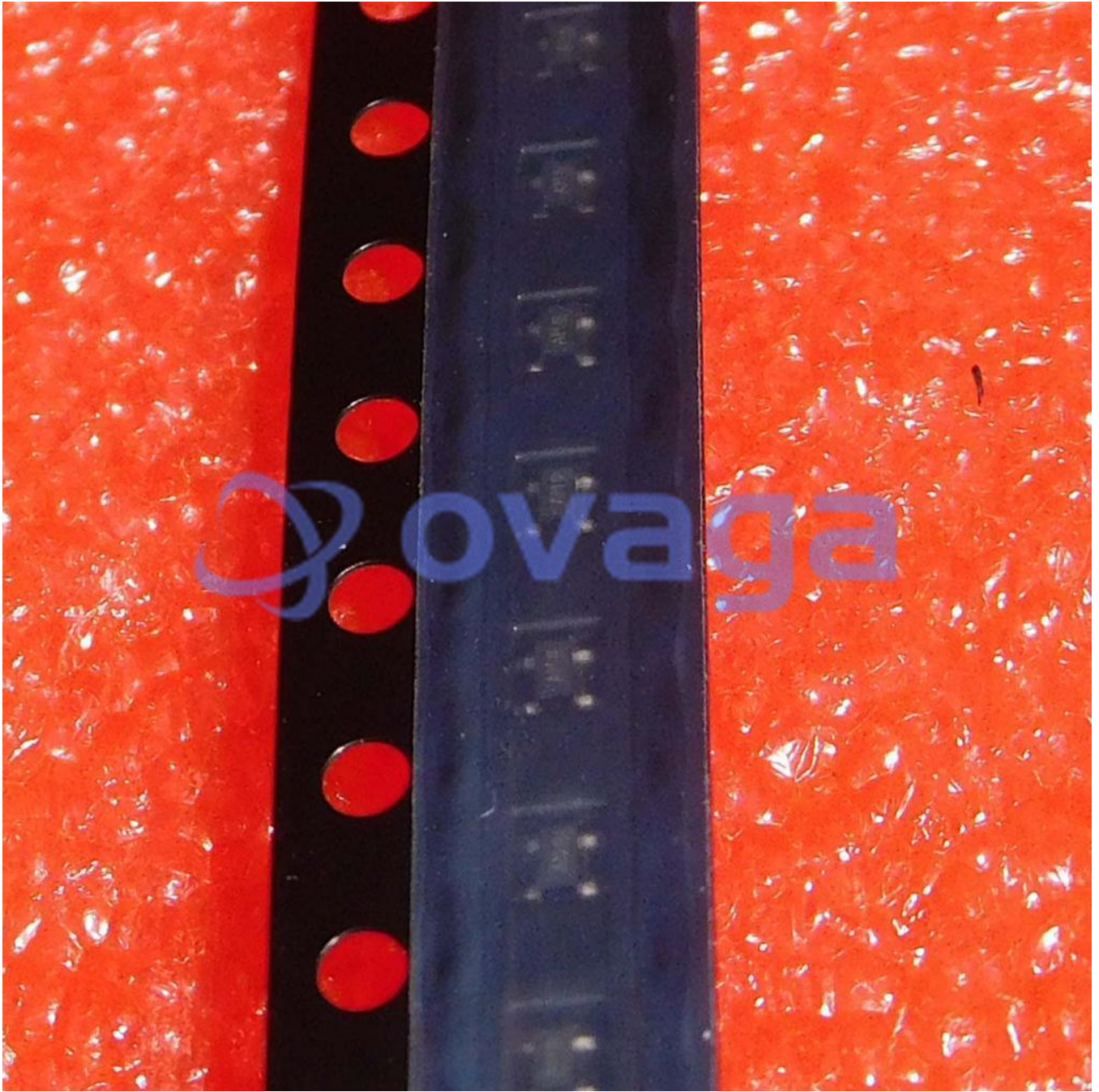
Low power consumption (PC) of 12 mW

Application

RF amplifiers in wireless communication systems such as cellular phones, wireless LAN, and Bluetooth devices

Oscillators and mixers in microwave circuits

Low noise amplifiers (LNAs) in satellite receivers and other high-frequency applications



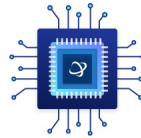


Related Products



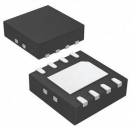
[BFG196](#)

Infineon Technologies Corporation
SOT-223



[BFR380F](#)

Infineon Technologies Corporation
TSFP3



[IRL7486MTRPBF](#)

Infineon Technologies Corporation
MG-WDSO-8



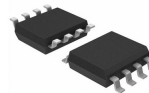
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D2PAK



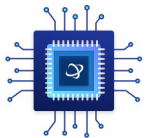
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Infineon Technologies Corporation
DPAK



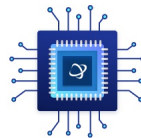
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[BFP840ESD](#)

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