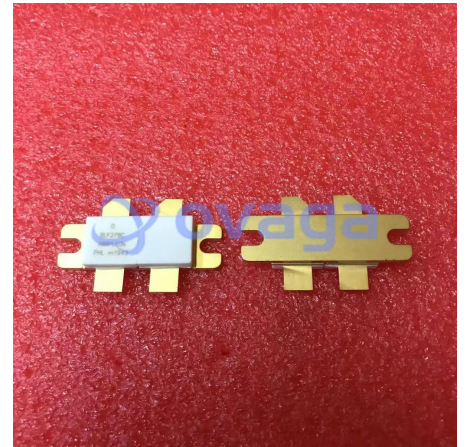


Semiconductors>Discrete Semiconductors>Transistors>RF Transistors>RF MOSFET Transistors

Manufacturers	NXP Semiconductor
Package/Case	SOT-262
Product Type	RF Integrated Circuits
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BLF278C or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BLF278C is a high-power RF transistor developed by NXP Semiconductors. It is a LDMOS (Laterally Diffused Metal Oxide Semiconductor) transistor designed for use in applications that require high power, such as in radio and TV broadcasting, mobile radio, and satellite communications.

Features

Frequency range: 470-860 MHz

Output power: up to 1200 W (PEP)

Efficiency: up to 50%

High gain: up to 23 dB

Good linearity

Excellent thermal stability

Easy to use, with integrated input matching network

Application

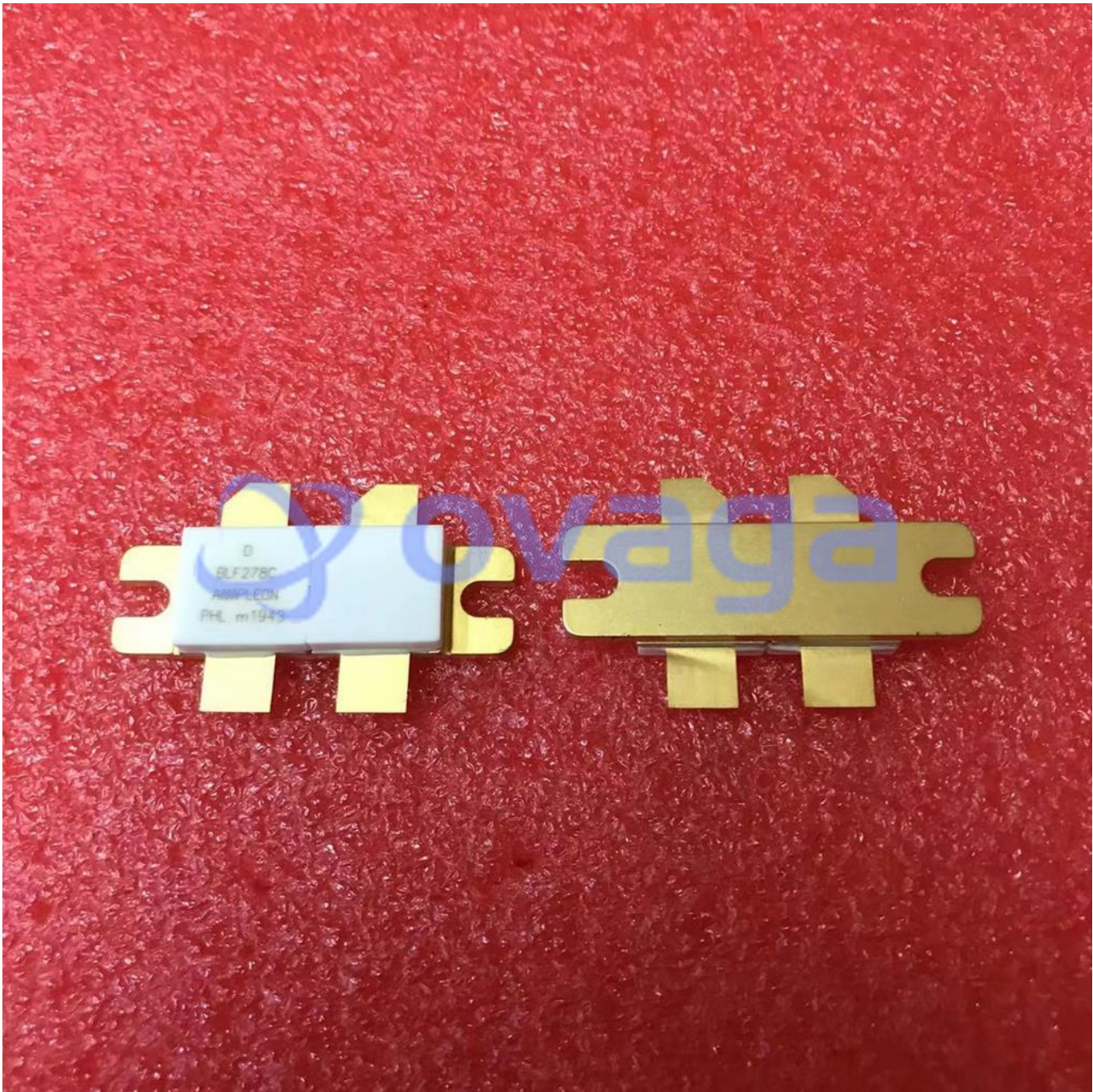
FM and TV broadcast transmitters

Mobile radio base stations

Satellite communication systems

Radar systems

Industrial heating and drying systems



Related Products



[MW7IC2040NR1](#)

NXP Semiconductor
TO-270-16



[MW7IC2725NBR1](#)

NXP Semiconductor
TO-272



[MHVIC915NR2](#)

NXP Semiconductor
PFP-16



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[74HC4046AD](#)

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SO-16



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[MW4IC2230NBR1](#)

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[CLRC63201T/0FE,112](#)

NXP Semiconductor
SOIC-32