

RF LDMOS Wideband Integrated Power Amplifier, RF Amplifier IC 15W IPA PFP16N

Manufacturers	NXP Semiconductor
Package/Case	PFP-16
Product Type	RF Integrated Circuits
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MHVIC915NR2 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MHVIC915NR2 is a part number for a power amplifier designed by NXP Semiconductors. It is a GaN (Gallium Nitride) transistor that operates in the frequency range of 869 to 915 MHz.

Features

High output power: The device is capable of delivering up to 120 watts of output power.

Wideband operation: It operates in the frequency range of 869 to 915 MHz, which covers most of the popular wireless communication bands.

High efficiency: The device is designed for high efficiency, which means that it can deliver high output power with minimal power loss.

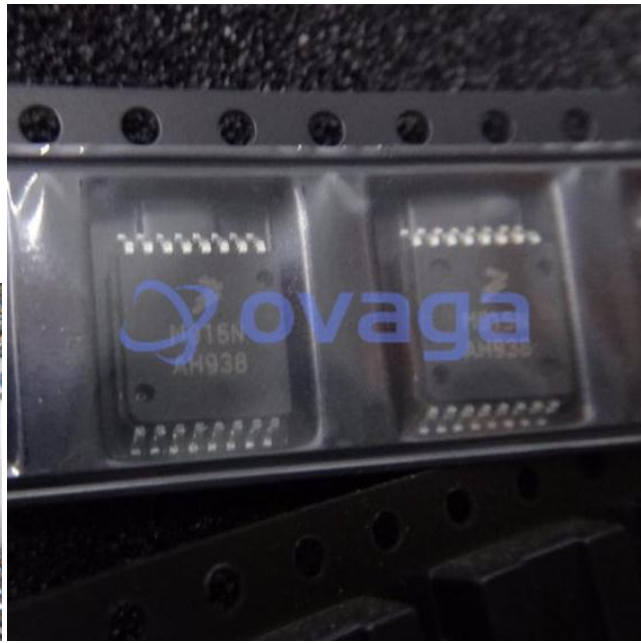
High linearity: The device has high linearity, which means that it can accurately amplify the input signal without introducing distortion.

Application

Wireless infrastructure: The device is ideal for use in wireless infrastructure applications such as base stations and repeaters.

Public safety communications: It can also be used in public safety communications systems such as police and fire radios.

Industrial and scientific applications: It is also suitable for use in industrial and scientific applications such as radar and satellite communication systems.



Related Products



[MHV5IC2215NR2](#)

NXP Semiconductor
SOP-16



[MW7IC2725NBR1](#)

NXP Semiconductor
TO-272



[74HC4046AD](#)

NXP Semiconductor
SO-16



[BLF278C](#)

NXP Semiconductor
SOT-262



[MW7IC2040NR1](#)

NXP Semiconductor
TO-270-16



[RC522](#)

NXP Semiconductor
QFN-32



[SA636DK/01](#)

NXP Semiconductor
SSOP-20



[MW4IC2230NBR1](#)

NXP Semiconductor
TO-272 WB-16