


Trans RF FET N-CH 135V 5-Pin CDFM Bulk

Manufacturer:	Ampleon
Package/Case:	SOT-1214C
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND



Images are for reference only

[Inquiry](#)

General Description

The BLF183XRU is designed for use in high-frequency amplification systems where high power output and robust performance are required. It is a versatile transistor that delivers exceptional performance in RF applications.

Key Features

High Power Output: The BLF183XRU is capable of delivering high power levels, making it suitable for applications that require significant RF power.

Excellent Linearity: It offers good linearity, ensuring minimal distortion and maintaining signal integrity.

Robust Design: The transistor is designed to withstand high power levels and harsh operating conditions, providing reliable and durable performance.

High Efficiency: It offers high power efficiency, ensuring efficient utilization of power resources.

Broad Frequency Range: It operates within a wide frequency range, making it suitable for various RF applications.

Application

Broadcast Transmitters: It is commonly used in FM, TV, and other broadcast transmitters to amplify the RF signals before transmission.

Industrial Heating Systems: The transistor is employed in industrial heating systems that require high-power RF amplification for heating processes.

RF Amplifiers: It can be used in RF amplifiers for various applications, such as wireless communication systems, radar systems, and wireless infrastructure.

Scientific Research: The BLF183XRU is also used in scientific research applications that require high-power RF amplification for experimentation and analysis.

Recommended For You

BLF188XRU	BLF571,112	BLF645,112
Ampleon	Ampleon	Ampleon
SOT539A	SOT467C	SOT-540A

BLP8G27-10Z

Ampleon

QFN

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