

VHF power MOS transistor

Manufacturers	NXP Semiconductor
Package/Case	TO-59
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BLF147 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BLF147 is a high-power LDMOS transistor designed for use in RF power amplifiers operating in the 1.4 GHz to 1.5 GHz frequency range. It is manufactured by NXP Semiconductors and is part of their "GoldMOS" product family.

Features

- Output power of up to 150 watts
- High efficiency (up to 65%)
- High gain (up to 17 dB)
- Excellent thermal stability
- Designed for use in class-AB operation

Application

- Cellular base stations
- Broadcast transmitters
- ISM band amplifiers
- High-power amplifiers for other wireless applications



Related Products



[BLT50](#)

NXP Semiconductor
SOT-223



[BLF871](#)

NXP Semiconductor
SOT467



[BLF574](#)

NXP Semiconductor
TO-59



[BLF278](#)

NXP Semiconductor
SOT-262



BLF245

NXP Semiconductor
SOT-123A



BLF642

NXP Semiconductor
SOT467C



BLF248

NXP Semiconductor
SOT-262 A1



BLF175

NXP Semiconductor
TO-59