

SOT,,Trans RF MOSFET N-CH 110V 42A 5-Pin LDMOST

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



Images are for reference only

Please submit RFQ for BLF574 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

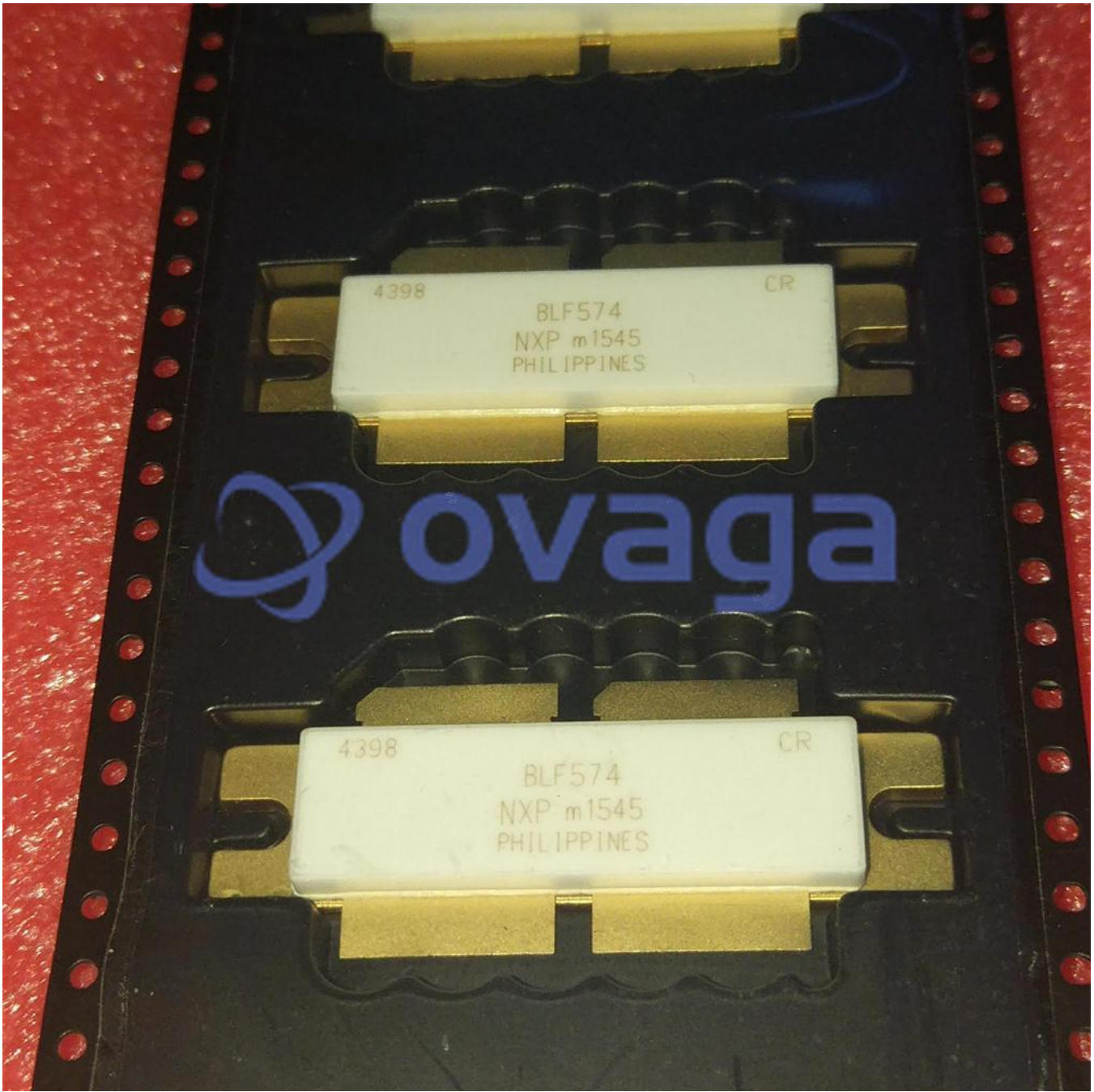
BLF574 is a high-power LDMOS (Laterally Diffused Metal Oxide Semiconductor) transistor that is designed for use in linear or nonlinear amplifier applications in the HF, VHF, and UHF frequency bands.

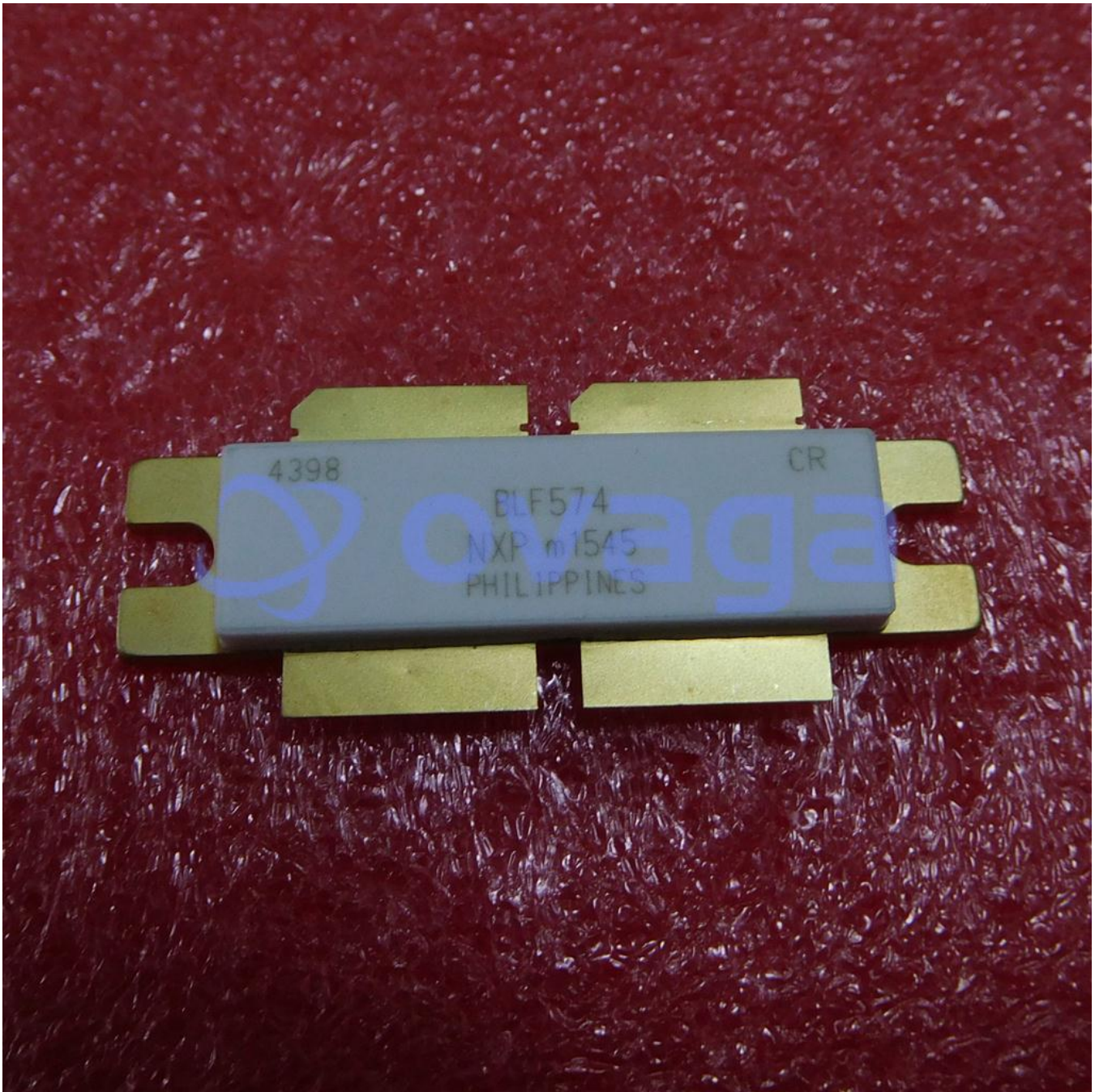
Features

- High output power: up to 600W in the HF band and up to 500W in the VHF and UHF bands.
- High gain: typically around 23dB in the HF band and around 16dB in the VHF and UHF bands.
- High efficiency: typically around 60% in the HF band and around 50% in the VHF and UHF bands.
- Wide operating frequency range: from 1.8MHz to 600MHz.
- High linearity: suitable for linear amplifier applications.
- Integrated ESD protection.

Application

- Broadcast transmitters
- Amateur radio amplifiers
- Military communication systems
- Mobile radio systems
- Radar systems





Related Products



[BLT50](#)

NXP Semiconductor
SOT-223



[BLF871](#)

NXP Semiconductor
SOT467



[BLF278](#)

NXP Semiconductor
SOT-262



[BLF245](#)

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SOT-123A



BLF642

NXP Semiconductor
SOT467C



BLF248

NXP Semiconductor
SOT-262 A1



BLF175

NXP Semiconductor
TO-59



BLF878

NXP Semiconductor
SOT502B