

Trans MOSFET N-CH 125V 20A

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	TO-59
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for SD2931-10 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

SD2931-10 is a high power RF transistor that is designed for use in broadcast and industrial applications. It is manufactured by STMicroelectronics, a semiconductor company based in Geneva, Switzerland.

## Features

Frequency range: 30 MHz to 500 MHz

Output power: 500 W (CW) @ 30 MHz, 300 W (CW) @ 500 MHz

Collector efficiency: 50% (typical)

Gain: 17 dB (typical)

Input and output matching for ease of use and optimal performance

Gold metallization for high reliability

## Application

Broadcast transmitters for radio and TV

Industrial heating and drying systems

Plasma generators for material processing

RF amplifiers for scientific research



### Related Products



[SD2918](#)

STMicroelectronics, Inc  
Case M-113



[SD2942](#)

STMicroelectronics, Inc  
M244



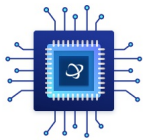
[SD2933](#)

STMicroelectronics, Inc  
TO-59



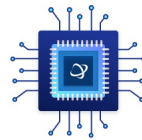
[SD57030](#)

STMicroelectronics, Inc  
M243



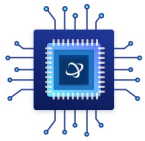
[SD4933](#)

STMicroelectronics, Inc  
M117



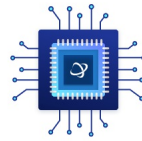
[SD2942W](#)

STMicroelectronics, Inc  
CASE-5



[SD3933](#)

STMicroelectronics, Inc  
M177



[SD4933MR](#)

STMicroelectronics, Inc  
M177MR-5