

30 V, 1.0 mΩ logic level MOSFET

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	LFPAK56
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PSMN1R0-30YLD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

PSMN1R0-30YLD is a product code for a particular power MOSFET transistor manufactured by Nexperia, a Dutch semiconductor company. This specific transistor has the following features:

### Features

- It is an N-channel enhancement mode MOSFET.
- It has a maximum voltage rating of 30V.
- It can handle a continuous drain current of 100A.
- It has a low on-resistance of 1.0 milliohm.
- It is designed to be used in surface-mount applications.

### Application

- Switching power supplies
- DC-DC converters
- Motor control
- Lighting control
- Battery protection circuits



### Related Products



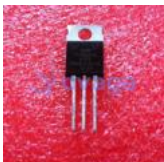
[2N7002PS](#)

NXP Semiconductor  
SOT-363



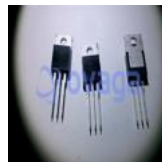
[PSMN1R0-40YLD](#)

NXP Semiconductor  
N-channel



[PSMN015-60PS](#)

NXP Semiconductor  
TO-3PX



[PSMN1R5-40PS](#)

NXP Semiconductor  
TO-220



[PSMN030-60YS](#)

NXP Semiconductor  
LFPAK56



[PSMN005-30K](#)

NXP Semiconductor  
SOP8



[PSMN1R2-30YLDX](#)

NXP Semiconductor  
SOT669



[PSMN034-100BS](#)

NXP Semiconductor  
TO-263-3