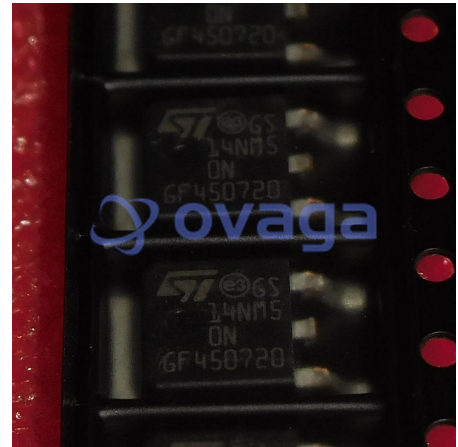


Trans MOSFET N-CH 500V 12A Automotive 3-Pin(2+Tab) DPAK T/R

Manufacturers	STMicroelectronics, Inc
Package/Case	TO-252
Product Type	Transistors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for STD14NM50N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

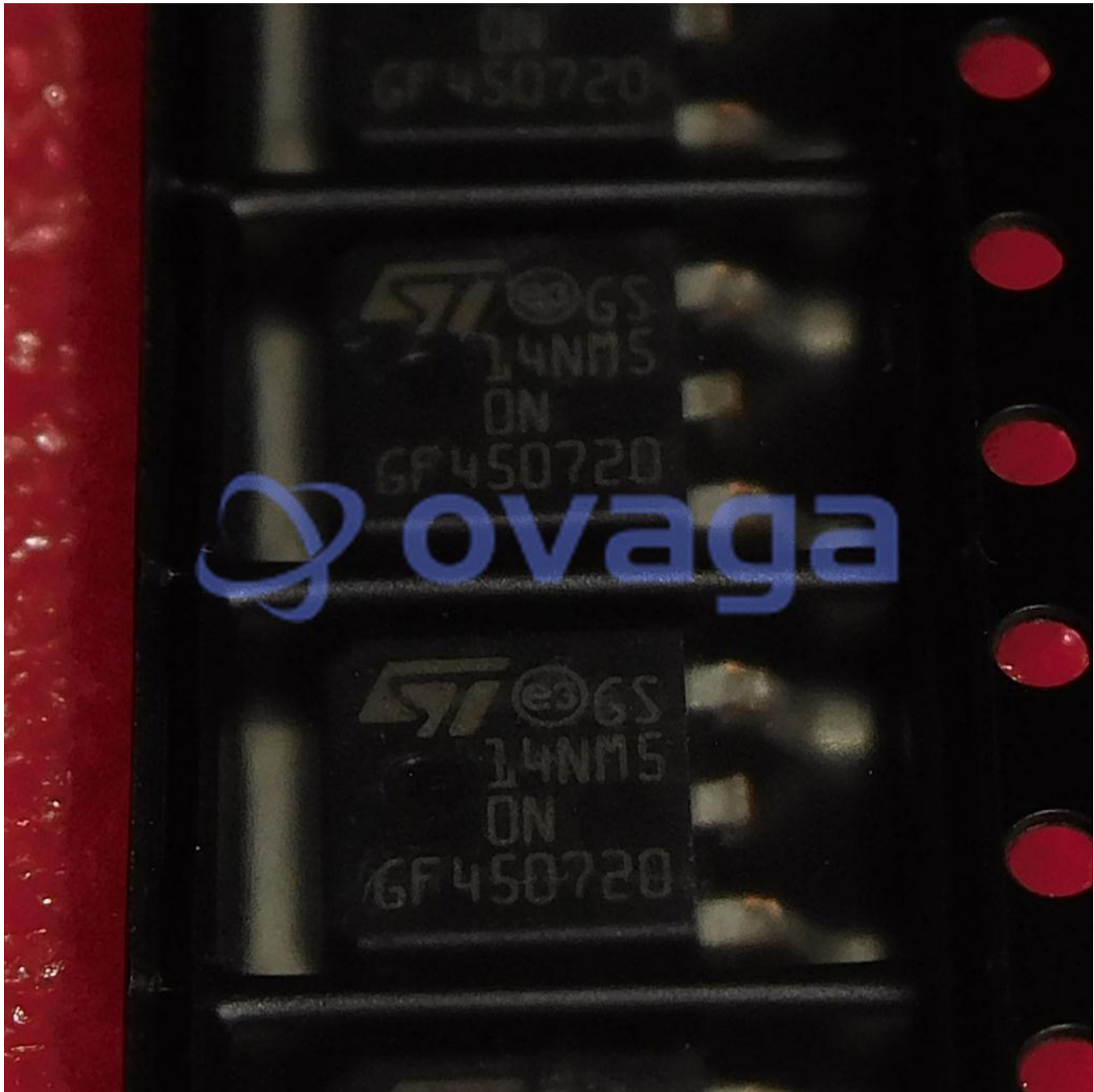
STD14NM50N is a type of N-channel Power MOSFET transistor manufactured by STMicroelectronics. Here are some of its features:

Features

- Drain-source voltage (V_{ds}) rating of 500V
- Continuous drain current (I_d) rating of 14A
- Low on-resistance ($R_{ds(on)}$) of 0.45 ohms
- Gate threshold voltage ($V_{gs(th)}$) range of 3-5V
- Fast switching speed

Application

- Switching power supplies
- DC-DC converters
- Motor control
- Lighting ballasts
- Welding equipment
- Uninterruptible power supplies (UPS)



Related Products



[STF42N65M5](#)

STMicroelectronics, Inc
TO-220FP



[STN3NF06](#)

STMicroelectronics, Inc
SOT-223



[STP11NM60FD](#)

STMicroelectronics, Inc
TO-220



[STP11NK50Z](#)

STMicroelectronics, Inc
TO-220-3



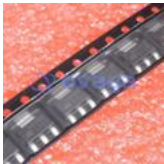
[STB75NF75](#)

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