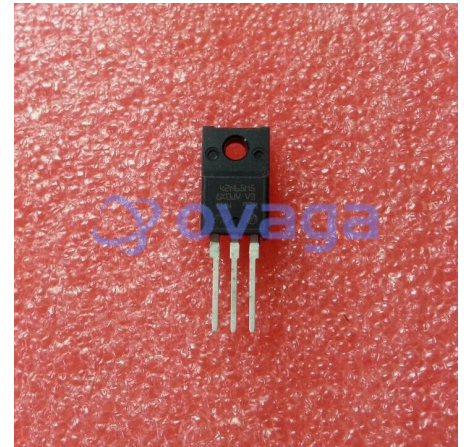


N-Channel MOSFET, 33 A, 650 V MDmesh M5, 3-Pin TO-220FP STMicroelectronics

Manufacturers	STMicroelectronics, Inc
Package/Case	TO-220FP
Product Type	Transistors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for STF42N65M5 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The STF42N65M5 is a part of the MDmesh™ M5 super-junction MOSFET series from STMicroelectronics. It is designed for high efficiency in a variety of applications including resonant converters.

Features

650V drain-source breakdown voltage (Vds)

31A continuous drain current (Id)

Low gate charge (Qg)

Low on-resistance (Rds(on))

Application

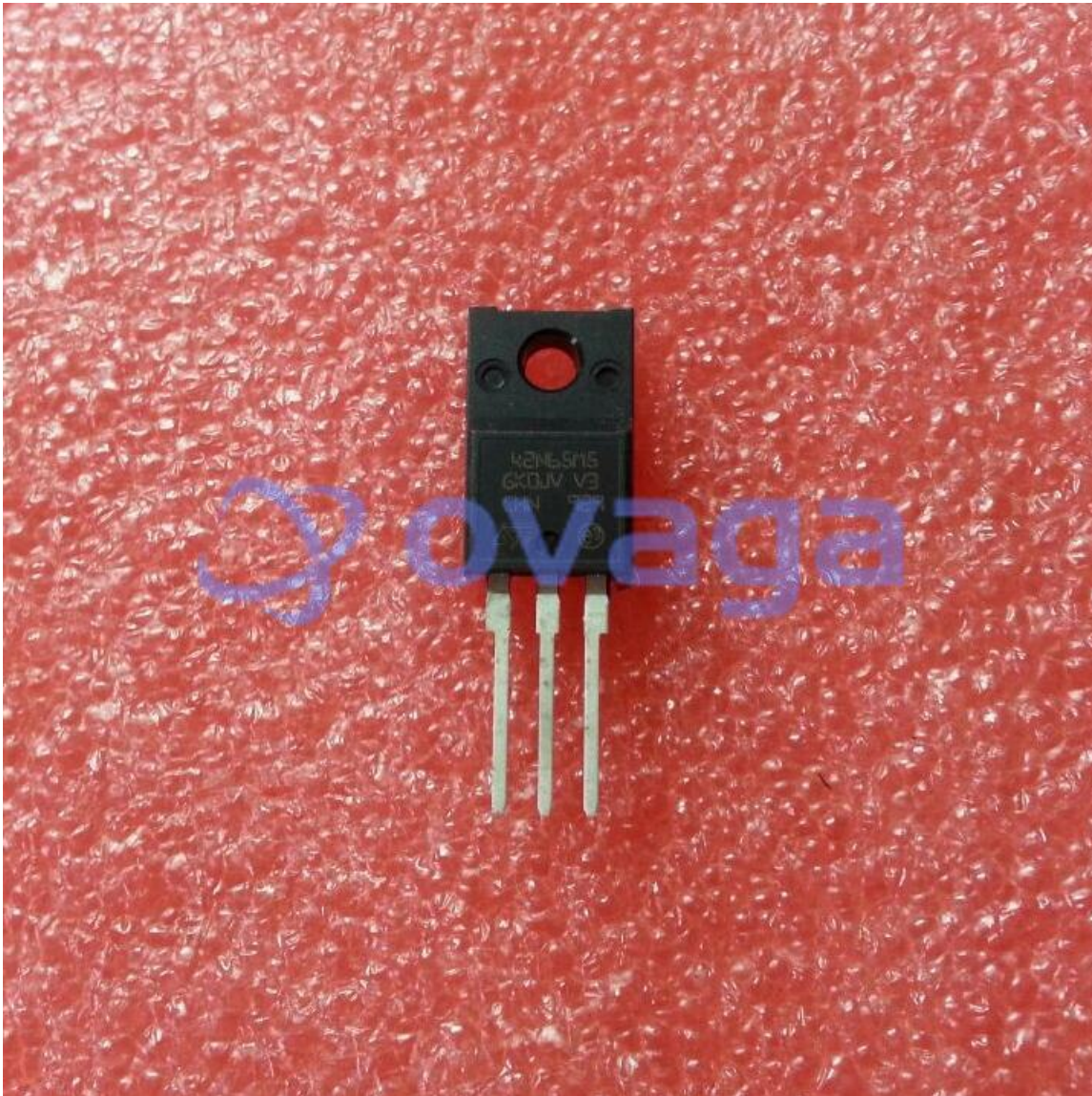
Switched Mode Power Supplies (SMPS)

Power factor correction (PFC) circuits

Uninterruptible power supplies (UPS)

Motor drives

Lighting circuits



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TO-252