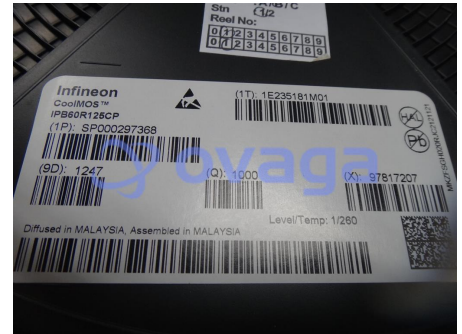


N-Channel MOSFETs (>500V...900V); Package: PG-TO263-3; VDS (max): 600.0 V; Package: D2PAK (TO-263); RDS(ON) @ TJ=25°C VGS=10: 125.0 mOhm; ID(max) @ TC=25°C: 25.0 A; IDpuls (max): 82.0 A; MOSFET COOL MOS PWR TRANS MAX 650V

| | |
|---------------|--|
| Manufacturers | <u>Infineon Technologies Corporation</u> |
| Package/Case | TO-263 |
| Product Type | Transistors |
| RoHS | Green |
| Lifecycle | |



Images are for reference only

Please submit RFQ for IPB60R125CP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

IPB60R125CP is a power MOSFET, which is a type of semiconductor device used for switching and amplifying electronic signals in power electronics applications. Specifically, IPB60R125CP is a 600V, 31A N-channel MOSFET manufactured by Infineon Technologies AG.

Features

High voltage capability: IPB60R125CP has a maximum voltage rating of 600V, which makes it suitable for use in high voltage applications.

Low on-resistance: The MOSFET has a low on-resistance of 125 mΩ, which helps to reduce power losses and improve efficiency.

Fast switching speed: The device has a fast switching speed, which makes it suitable for use in applications that require high switching frequencies.

Avalanche rated: IPB60R125CP is avalanche rated, which means it can withstand high-energy pulses without being damaged.

Application

Switch-mode power supplies (SMPS)

Uninterruptible power supplies (UPS)

Motor drives

Lighting systems

Audio amplifiers

Stn 1/2

Reel No:

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

Infineon

CoolMOS™

IPB60R125CP

(1P): SP000297368



(9D): 1247



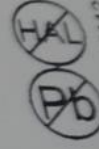
(1T): 1E235181M01



(Q): 1000



(X): 97817207

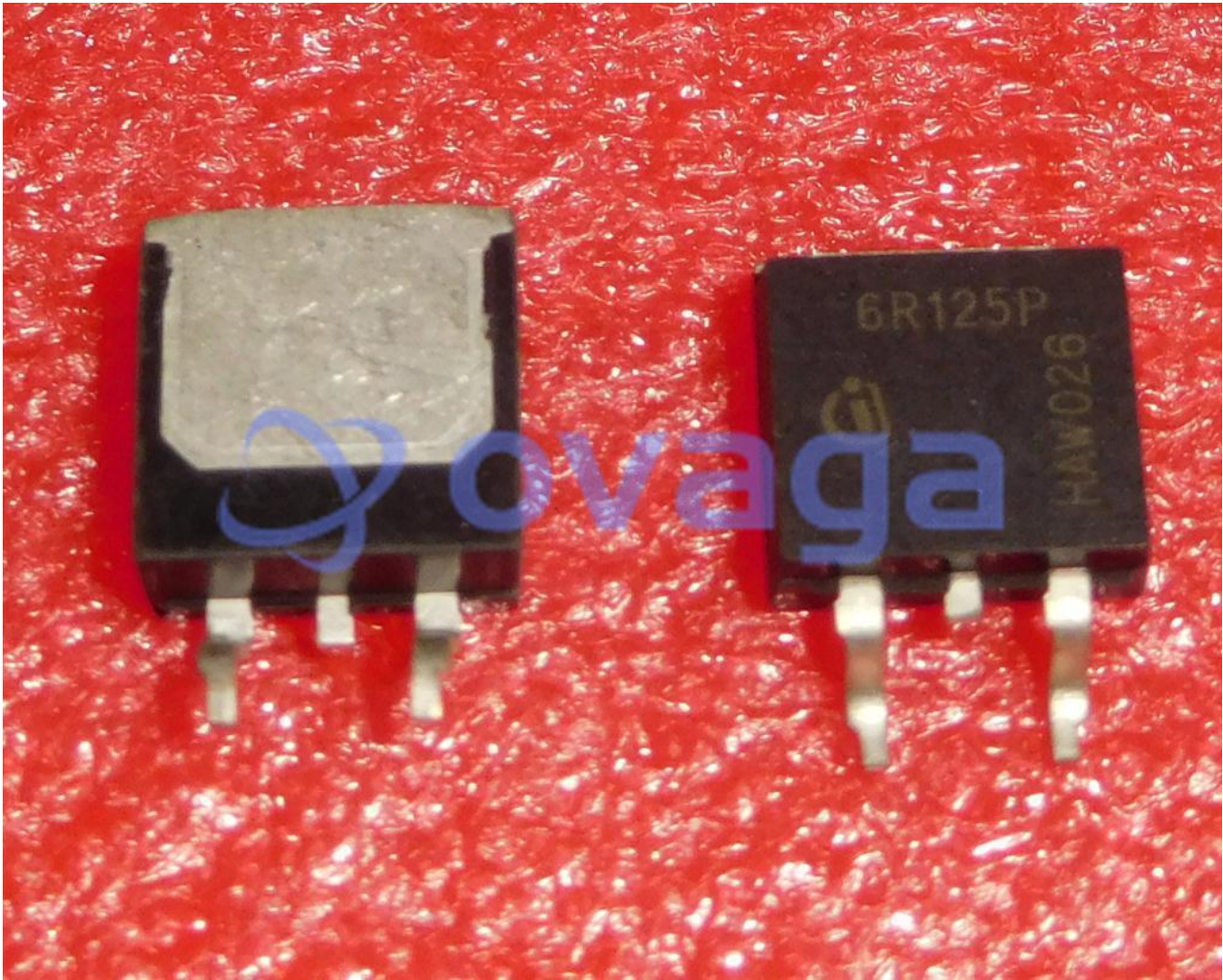


MKZFSGH1020RJC2121121

Level/Temp: 1/260

Diffused in MALAYSIA, Assembled in MALAYSIA





Related Products



[IPP60R070CFD7](#)

Infineon Technologies Corporation
TO-220-3



[IPG20N04S4-12](#)

Infineon Technologies Corporation
TDSON-8



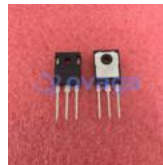
[IPD25N06S4L-30](#)

Infineon Technologies Corporation
PG-TO252-3



[IPB180N06S4-H1](#)

Infineon Technologies Corporation
PG-TO263-7-3



[IPW65R080CFD](#)

Infineon Technologies Corporation
TO-247



[IPD180N10N3G](#)

Infineon Technologies Corporation
TO-252



[IPP60R074C6](#)

Infineon Technologies Corporation

TO-220-3



[IPD70R1K4P7S](#)

Infineon Technologies Corporation

TO252-3