

Power Switch Hi Side 1.8A

| | |
|---------------|---|
| Manufacturers | Infineon Technologies Corporation |
| Package/Case | TO-220 |
| Product Type | High-side / low-side switch, the driver, the receiver |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for BTS612N1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BTS612N1 is a type of Power Switch IC (Integrated Circuit) manufactured by Infineon Technologies.

Features

It is a high-side power switch with an integrated vertical power MOSFET

It has a built-in protection against overcurrent, overvoltage, and overtemperature

The device can handle a maximum load current of 3A

It has a low on-resistance of 75mΩ (milliohms) at 25°C.

Application

BTS612N1 is commonly used in automotive and industrial applications to control the power supply to various loads such as motors, solenoids, and other devices that require high-current switching.

It can also be used in other applications where high-side switching is required, such as in lighting control, power distribution systems, and battery management systems.



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