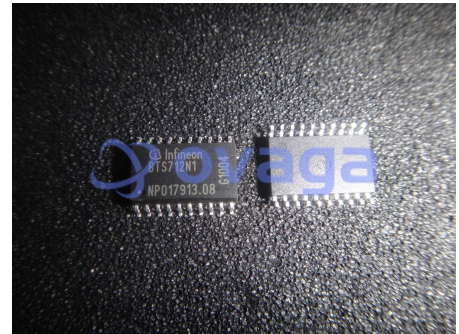


Power Switch ICs - Power Distribution SMART 4-CH HI-SIDE PWR SWITCH

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	SOP-20
Product Type	Switch ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BTS712N1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

BTS712N1 is a type of high-side power switch manufactured by Infineon Technologies. It is designed for use in automotive and industrial applications, such as controlling high-current loads in electric motors, power distribution systems, and other electrical systems.

### Features

Operating voltage range of 5.5V to 28V

Maximum current rating of 60A

Built-in protection features such as overcurrent protection, short-circuit protection, and overtemperature protection

Low on-resistance (RDS(on)) of 8 mOhm at 25°C

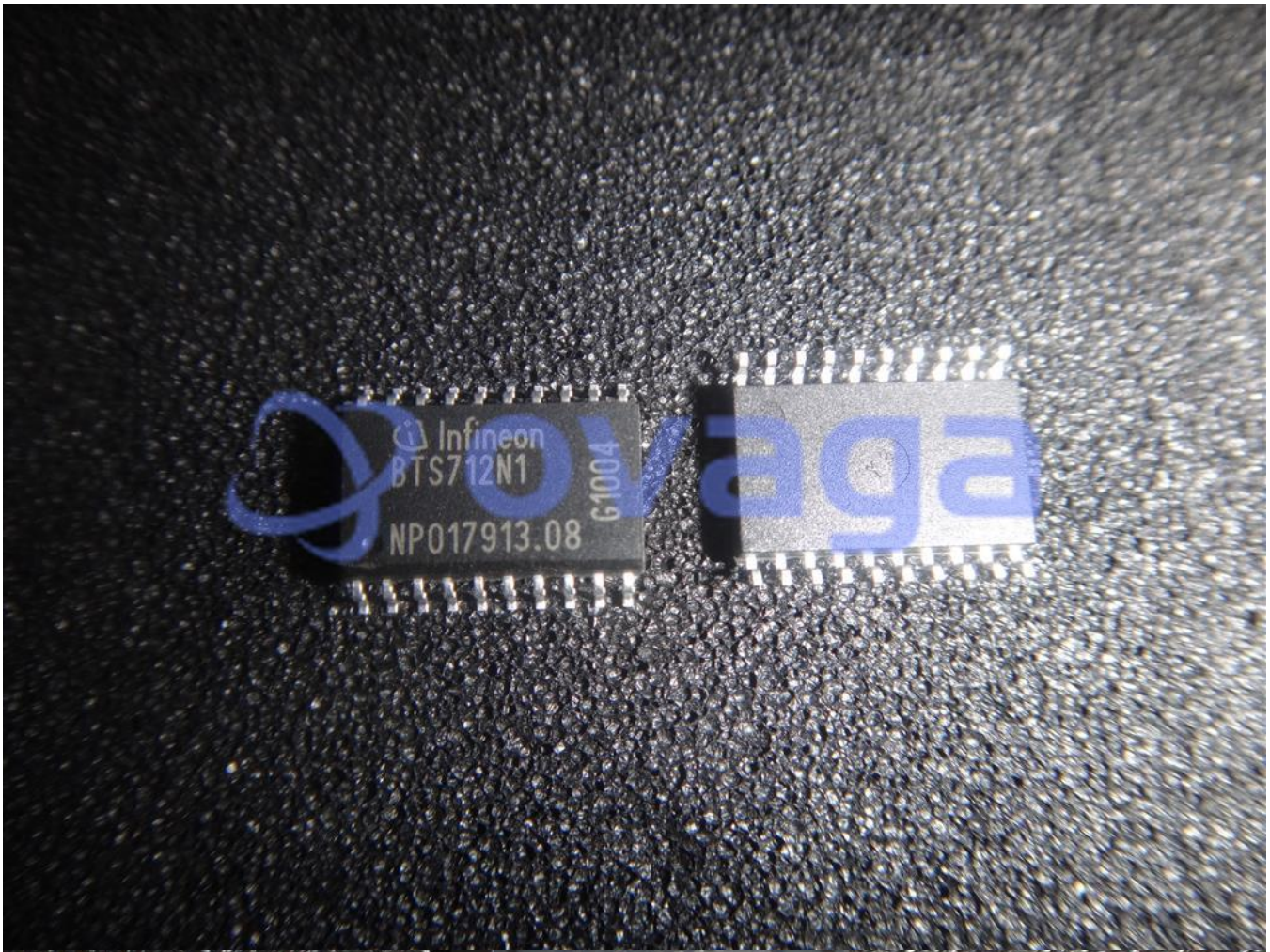
Fast switching speed of 100 kHz

### Application

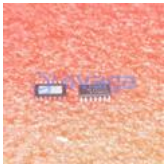
Automotive systems such as engine control units (ECUs), transmission control units (TCUs), and power steering systems

Industrial systems such as factory automation equipment, motor control systems, and power distribution systems

High-current load switching applications such as heating, ventilation, and air conditioning (HVAC) systems, power windows and seats, and electric power steering (EPS) systems



## Related Products



**BTSS016-2EKA**

Infineon Technologies Corporation  
SOP14



**BTSS0050-1EGA**

Infineon Technologies Corporation  
PG-DSO-12



**BTSS180-2EKA**

Infineon Technologies Corporation  
sop14



**BTSS045-2EKA**

Infineon Technologies Corporation  
SOP-14



**BTSS231-2GS**

Infineon Technologies Corporation  
DSO-14



**BTSS030-2EKA**

Infineon Technologies Corporation  
SOP-14



**BTSS016SDA**

Infineon Technologies Corporation  
TO-252-5



**BTSS4141N**

Infineon Technologies Corporation  
SOT-223