

Power Switch Hi Side 1-OUT 0.7A 0.15Ohm Automotive 4-Pin(3+Tab) SOT-223



Images are for reference only

Manufacturers	Infineon Technologies Corporation
Package/Case	SOT-223
Product Type	Switch ICs
RoHS	
Lifecycle	

Please submit RFQ for BTS4141N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BTS4141N is a power switch IC (Integrated Circuit) used in automotive applications. It is a smart high-side power switch, designed to control a wide range of loads, including lamps, motors, and heaters. Here are some of its key features:

Features

- Operating voltage range: 5V to 58V
- Maximum continuous current: 8A
- Short circuit protection with adjustable current limit
- Overload protection with adjustable current limit
- Thermal shutdown protection
- Very low standby current (<math><10\mu A</math>)

Application

- BTS4140N
- BTS4142N
- BTS4143N
- BTS4144N
- BTS4145N



Related Products



[BTSS5016-2EKA](#)

Infineon Technologies Corporation
SOP14



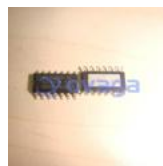
[BTSS50050-1EGA](#)

Infineon Technologies Corporation
PG-DSO-12



[BTSS5180-2EKA](#)

Infineon Technologies Corporation
sop14



[BTSS5045-2EKA](#)

Infineon Technologies Corporation
SOP-14



[BTS5231-2GS](#)

Infineon Technologies Corporation
DSO-14



[BTS5016SDA](#)

Infineon Technologies Corporation
TO-252-5



[BTS5030-2EKA](#)

Infineon Technologies Corporation
SOP-14



[BTS50085-1TMA](#)

Infineon Technologies Corporation
SOT263