

Buffer/Inverter Based Peripheral Driver, 1 Driver, 11.1A, MOS, PSSO7, GREEN, PLASTIC, TO-220, 7Pin

Manufacturers	<u>Infineon Technologies Corporation</u>
Package/Case	SOT263
Product Type	Switch ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for BTS50085-1TMA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

BTS50085-1TMA is a power switch designed for automotive applications. Here are its features:

### Features

Operating voltage range from 5V to 58V

Output current up to 30A

On-state resistance (RDS(on)) of 3.5mΩ

Short-circuit current limit up to 90A

Overload and overtemperature protection

Logic level input with a threshold of 2.5V

### Application

Power distribution systems

Motor control units

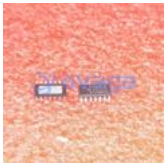
Heating and cooling systems

Battery management systems

Lighting systems



**Related Products**



[BTSS016-2EKA](#)  
Infineon Technologies Corporation  
SOP14



[BTSS0050-1EGA](#)  
Infineon Technologies Corporation  
PG-DSO-12



**BTS5180-2EKA**

Infineon Technologies Corporation  
sop14



**BTS5045-2EKA**

Infineon Technologies Corporation  
SOP-14



**BTS5231-2GS**

Infineon Technologies Corporation  
DSO-14



**BTS5030-2EKA**

Infineon Technologies Corporation  
SOP-14



**BTS5016SDA**

Infineon Technologies Corporation  
TO-252-5



**BTS4141N**

Infineon Technologies Corporation  
SOT-223