

INFINEON BTS5180-2EKA Power Load Switch, Smart6 Technology, High Side, 2Outputs, 6V, 11A, SOIC-14

Manufacturers	<u>Infinion Technologies Corporation</u>
Package/Case	sop14
Product Type	Switch ICs
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for BTS5180-2EKA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

BTS5180-2EKA is a high-side power switch designed for automotive and industrial applications. Here are its features:

### Features

- Integrated power MOSFET, driver, protection and diagnostic functions
- Short circuit, over-temperature, over-voltage, and ESD protection
- Diagnostic feedback via SPI interface
- Low current consumption in standby mode
- Wide operating voltage range: 4.5V to 58V
- High current capability: up to 30A
- Low on-state resistance: typically 4.5mΩ

### Application

- Electronic power steering (EPS) systems
- HVAC (heating, ventilation, and air conditioning) systems
- LED lighting
- DC motor control
- Power distribution systems

Reel No.

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

**Infineon**

PROFET™

BTS5180-2EKA

(1P): SP000639238



(1T): 1E208966M09



PS5LPL120330



ovaga

(9D): 1210



(Q): 2500



(X): 97817637



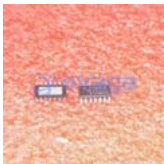
Diffused in AUSTRIA, Assembled in MALAYSIA

Level/Temp: 3/260





## Related Products



### [BTS5016-2EKA](#)

Infineon Technologies Corporation  
SOP14



### [BTS5045-2EKA](#)

Infineon Technologies Corporation  
SOP-14



### [BTS5030-2EKA](#)

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SOP-14



### [BTS50050-1EGA](#)

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PG-DSO-12



### [BTS5231-2GS](#)

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DSO-14



### [BTS5016SDA](#)

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TO-252-5



[BTS4141N](#)

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SOT-223



[BTS50085-1TMA](#)

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SOT263