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## 4V Drive Nch+Nch MOSFET

MP6K31 **NEW**
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[ Product description ]

Complex type MOSFETs(N+N) are made as low ON-resistance devices by the micro-processing technologies useful for wide range of applications. Broad lineup covering compact types, high-power types and complex types to meet various needs in the market.

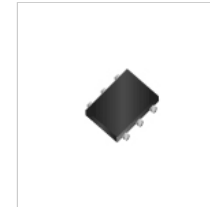
### Features

- 4V-drive type Nch+Nch Middle-power MOSFET

### Product specifications

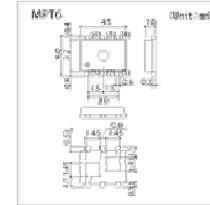
Absolute maximum ratings (Ta=25°C)		
Rated parameters	Standard value	Conditions
Drain-Source voltage $V_{DS}$ (V)	60	
Gate-Source voltage $V_{GS}$ (V)	$\pm 20$	
Drain current(continuous) $I_D$ (A)	$\pm 2$	
Source current(body Di) $I_S$ (A)	1.2	
Total power dissipation $P_D$ (W)	2	Mounted on a ceramic board
Channel temperature $T_{ch}$ (°C)	150	
Storage temperature $T_{stg}$ (°C)	-55 to +150	

### Outline



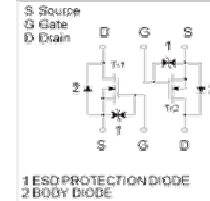
MPT6

### Dimensions



\* Click to enlarge.

### Equivalent circuit diagram



\*The contents described here are just outline for introduction.

Please obtain the specification sheets from us for thorough check before use.

### Status Product

Part No.	Package	Status *1	RoHS	Packing style	Package quantity	Samples *2	Sales
MP6K31TR	MPT6	Active	Yes	Taping	1000		<a href="#">Inquiry</a>

\*1 Active: Production or current type Preparation: Preliminary type Preview: Development type

\*2 Display ranks are representative hFE rank. Please understand that selection of hFE rank is not possible.

### Others

Please check the details on ["Product List"](#) for Others.

### Transistors

2010.07.21

The industry's highest efficiency MOSFETs for DC/DC power supplies: ECOMOS™

2010.02.25

ROHM's ultra-low voltage drive MOSFETs - ECOMOS™ - enable driving from a control voltage of 0.9V

2010.01.22

ROHM continues to offer its lineup of ultra-low voltage MOSFETs ECOMOS™ series

2009.05.29

High speed trr High Voltage Resistance PrestoMOS™ Series

2009.02.27

ROHM's new RC series of 250V MOSFETs

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