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SEMICONDUCTOR

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ICs

Discrete Semiconductors

Transistors

MOSFETs

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Digital Transistors

Complex Transistors

Diodes

SiC Power Devices

Opto Electronics

Passive Components

Modules (Sub Systems)

LAPIS SEMICONDUCTOR

Kionix Sensing the Future

Distribution Inventory Search

4.5V Drive Nch MOSFET

RMJ10HN04 NEW

Inquiries concerning our products

Data Sheet

Technical Data

Distribution Inventory

[Product description]

MOSFET, one of Fild Effect Transistors. ROHM has low current type power MOSFETs of high-efficiency / high breakdown resistance for switching power supply to meet various needs in the market.

Product specifications

Absolute maximum ratings (Ta=25°C)		
Rated parameters	Standard value	Conditions
Drain-Source voltage V_{DS} (V)	40	
Gate-Source voltage V_{GS} (V)	±20	
Drain current(continuous) I_D (A)	±100	
Source current(body Di) I_S	-	
Total power dissipation P_D (W)	40	Tc=25°C
Channel temperature Tch(°C)	150	
Storage temperature Tstg(°C)	-55 to +150	

Outline

LPTS

Dimensions

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 *	RoHS	Packing style	Package quantity	Sales	Distribution Inventory
RMJ10HN04TL	LPTS	Active	Yes	taping	1000	Inquiry	Purchase

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

*2 Active: Production or current type Preparation: Preliminary type Preview: Development type

Transistors

2012.7.26
40V/100A Power MOSFETs Featuring the Industry's Best Power Conversion Performance(FOM=21)

2011.10.04
ROHM and APEI Develop High-speed, High-current (1,000 A Class) SiC Trench MOS Module

2011.09.14
Industry-Low 34 mΩ ON-Resistance Superjunction MOSFETs

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

Precautions for driving TRs safety

Knowledge required for the die temp. calculation

What is a transistor?

Operation notes

Part No. explanation

Package

Taping specifications

Soldering conditions
>Surface mounted type transistors
>Leaded type transistors

Storage conditions

Explanation of symbols

FAQ

RoHS directive compliance

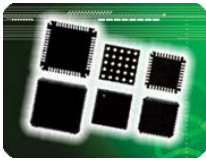
Contact us

http://www.rohm.com/products/discrete/transistor/mosfet/rmj10hn04/[8/5/2012 9:08:32 AM]

Customers who viewed this product also viewed



ROHM Delivers Dramatically Higher Output and Precision in the Industry's First LED Driver LSI for Automotive Tail Lamps ! BD8372HFP-M



ROHM Develops New Motor Driver LSI. Part offers wide range of operating voltages and industry's shortest turn-on times in a comp BD65491FV



Because the series had been added, it became easy to use. LSI Quick Search

Others

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