

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Rohm Semiconductor](#)
[RSY200N05TL](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



简体中文 繁體中文 한국어 日本語

Text Size A A

Site Search

Search ?

Site Map

HOME, Products > Discrete Semiconductors > Transistors > MOSFETs > RSY200N05

ICs

Discrete Semiconductors

Transistors

MOSFETs

Bipolar Transistors

Digital Transistors

Complex Transistors

Diodes

Opto Electronics

Passive Components

Modules (Sub Systems)

Energy Saving! ECO Devices Product Information →

4V Drive Nch MOSFET

RSY200N05

[Inquiries concerning our products](#)

Data Sheet Design Model **SPICE**

Reliability information Operation notes Condition of soldering

[Print out](#)

[Product description]

Power MOSFETs 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.

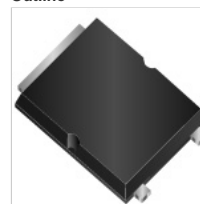
Features

E4V-drive type Nch Power MOSFET

Product specifications

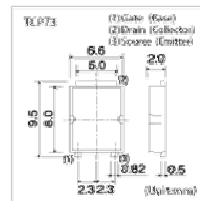
Absolute maximum ratings (Ta=25°C)		
Rated parameters	Standard value	Conditions
Drain-Source voltage V_{DS} (V)	45	
Gate-Source voltage V_{GS} (V)	±20	
Drain current(continuous) I_D (A)	±20	
Source current(body Di) I_S (A)	16	
Total power dissipation P_D (W)	20	
Channel temperature T_{ch} (°C)	150	
Storage temperature T_{stg} (°C)	-55 to +150	

Outline



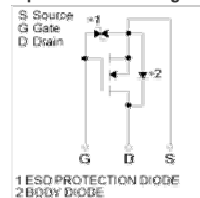
TCPT3

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
RSY200N05TL	TCPT3	Active	Yes	taping	2500		Inquiry

*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: ECOMOST™

2010.02.25
ROHM's ultra-low voltage drive MOSFETs - ECOMOST™ - enable driving from a control voltage of 0.9V

2010.01.22
ROHM continues to offer its lineup of ultra-low voltage MOSFETs ECOMOST™ series

2009.05.29
High speed trr High Voltage Resistance PrestoMOST™ Series

2009.02.27
ROHM's new RC series of 250V MOSFETs

[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](#)

[ROHM Internet Direct Shopping](#)

[RoHS directive compliance](#)

[Contact us](#)

Top of Page

[Privacy Policy](#)

[Terms & Conditions](#)

Copyright © 1997-2010 ROHM Co., Ltd.