

Excellent Integrated System Limited

Stocking Distributor

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

[Rohm Semiconductor](#)
[RSD220N06TL](#)

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

Site Search

Site Map

HOME, Products > Discrete Semiconductors > Transistors > MOSFETs > RSD220N06

ICs

Discrete Semiconductors

Transistors

MOSFETs

Bipolar Transistors

Digital Transistors

Complex Transistors

Diodes

Opto Electronics

Passive Components

Modules (Sub Systems)

4V Drive Nch MOSFET

RSD220N06

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

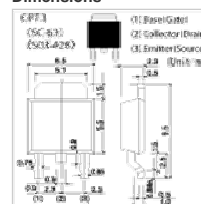
Absolute maximum ratings (Ta=25°C)		
Rated parameters	Standard value	Conditions
Drain-Source voltage V_{DS} (V)	60	
Gate-Source voltage V_{GS} (V)	20	
Drain current(continuous) I_D (A)	±22	
Source current(body Di) I_S (A)	16	
Total power dissipation P_D (W)	20	
Channel temperature T_{ch} (°C)	150	
Storage temperature T_{stg} (°C)	-55 to +150	

Outline



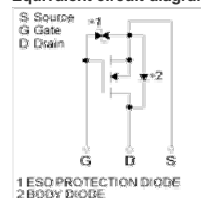
CPT3

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
RSD220N06TL	CPT3/SC-63/SOT-428 @ROHM/JEDEC/JEITA	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: 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 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.