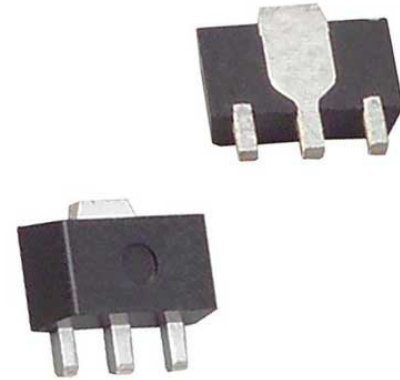


Silicon N-Channel MOS FET UHF Power Amplifier

| | |
|---------------|---|
| Manufacturers | Renesas Technology Corp |
| Package/Case | SOT89 |
| Product Type | Discrete Semiconductors |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for 2SK2596 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

2SK2596 is a power MOSFET (Metal-Oxide-Semiconductor Field-Effect Transistor) transistor manufactured by Renesas Electronics. It is commonly used in various power applications, including DC-DC converters, AC adapters, and switching power supplies.

Features Application

Drain-source voltage (Vds) rating of 600V **Power supplies:** Due to its high voltage and current handling capabilities, the 2SK2596 is commonly used in various power supply applications, including AC-DC and DC-DC converters, SMPS (switched-mode power supplies), and UPS (uninterruptible power supplies).

Continuous drain current (Id) rating of 7A **Motor control:** The 2SK2596 can also be used in motor control applications, such as for driving DC motors or stepper motors.

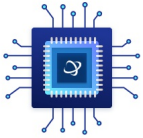
Lighting: The transistor can be used for controlling lighting, including LED lighting.

Low on-resistance (Rds(on)) of 0.55Ω

Fast switching speed

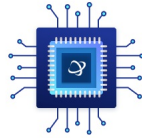
High ruggedness and reliability

Related Products



[2SK2595](#)

Renesas Technology Corp
RP-8P



[2SA812-T1B-A/S6](#)

Renesas Technology Corp



[HD74LV1G126ACME-E](#)

Renesas Technology Corp
SOT-353



[RQA0009SXTL-E](#)

Renesas Technology Corp
SOT-89



[M51996AFP](#)

Renesas Technology Corp
SOP-16



[HSM123TL-E](#)

Renesas Technology Corp
SOT23



[HA17431UA-TL-E](#)

Renesas Technology Corp
SOT-89



[HA178L05UA-TL-E](#)

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SOT-89