

60v Dual N Channel Mosfet

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60V DUAL N-CHANNEL 175°C MOSFET Product Summary V (BR)DSS R DS(ON) Max I D Max T C = +25°C 60V 50m? @ V GS = 10V 16.7A 65m? @ V GS = 4.5V 14.6A Description and Applications This MOSFET is designed to meet the stringent requirements of Automotive applications. It is qualified to AEC-Q101, supported by a PPAP and is ideal for use in:

60V DUAL N-CHANNEL 175°C MOSFET - Diodes Incorporated

60V Dual N-Channel MOSFET Symbol VDS VGS IDM IAR, IAS EAR, EAS TJ, T STG Symbol Typ Max 48 62.5 74 110 R?JL 35 60 A Repetitive avalanche energy 0.1mH B 18 mJ W Junction and Storage Temperature Range A PD °C 2 1.28-55 to 150 TA=70°C ID Continuous Drain Current AF Parameter Maximum Units TA=25°C TA=70°C 60 Maximum Junction-to-Ambient A Steady-State 4.5 3.6 20 Avalanche Current B 19

60V Dual N-Channel MOSFET

Dual N-Channel 60-V (D-S) MOSFET. FEATURES. •Halogen-free According to IEC 61249-2-21 Available. † TrenchFET®Power MOSFET † New Low Thermal Resistance PowerPAK®. Package † Dual MOSFET for Space Savings. PRODUCT SUMMARY. VDS(V) RDS(on)(?)ID(A) 60 0.021 at VGS = 10 V 9.7 0.025 at VGS = 4.5 V 8.9. 1 2 3 4 5 6 7 8.

Dual N-Channel 60-V (D-S) MOSFET

STS5DNF60L - Dual N-channel 60V - 0.045Y - 4A - SO-8 STripFET™ Power MOSFET - STMicroelectronics. This Power MOSFET has been developed using the STripFET process, which is specifically designed to minimize input capacitance and gate charge.

STS5DNF60L - Dual N-channel 60V - 0.045Y - 4A - SO-8 ...

Dual N-Channel 60-V (D-S) 175 °C MOSFET FEATURES • Halogen-free According to IEC 61249-2-21 Definition † TrenchFET® Power MOSFET † 175 °C Maximum Junction Temperature † 100 % Rg Tested † Compliant to RoHS directive 2002/95/EC PRODUCT SUMMARY VDS (V) RDS(on) (?)ID (A) Qg (Typ.) 60 0.041 at VGS = 10 V 6.5 9.2 nC 0.052 at VGS = 4.5 V ...

Dual N-Channel 60-V (D-S) 175 °C MOSFET

55V-60V N-Channel Automotive MOSFET; IPG20N06S4-15; IPG20N06S4-15 60V, Dual N-Ch, 15.5 m? max, Automotive MOSFET, PQNF, OptiMOS™-T2. Overview. Summary of Features. Dual N-channel Normal Level - Enhancement mode; AEC Q101 qualified; MSL1 up to 260°C peak reflow; 175°C operating temperature;

IPG20N06S4-15 | 60V, Dual N-Ch, 15.5 m? max, Automotive ...

N-Channel 2 Channel 60 V MOSFET are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for N-Channel 2 Channel 60 V MOSFET. ... MOSFET 60V N-CHANNEL DUAL Enlarge Mfr. Part No. SH8K39GZETB. Mouser Part No 755-SH8K39GZETB. New Product. ROHM Semiconductor: MOSFET 60V N-CHANNEL DUAL. Learn More.

N-Channel 2 Channel 60 V MOSFET – Mouser United Kingdom

Applied Filters: Semiconductors Discrete Semiconductors Transistors MOSFET. Transistor Polarity = N-Channel Id - Continuous Drain Current = 30 A Vds - Drain-Source Breakdown Voltage = 60 V. Manufacturer. Mounting Style. Package / Case. Number of Channels. Rds On - Drain-Source Resistance.

N-Channel 60 V 30 A MOSFET – Mouser

The complementary MOSFET pairs ensure high efficiency and simplicity of design. They are available in space-saving packages for cost optimized solutions such as SO8, PQFN3x3, and TSOP-6 package. Target applications include DC-DC conversion, motor control, battery management, and onboard chargers. Browse the product table below to find complementary MOSFETs in a voltage range from 20V-60V fitting your needs.

20V-60V Complementary MOSFET - Infineon Technologies

N-Channel Dual MOSFET are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for N-Channel Dual MOSFET. Skip to Main Content (800) 346-6873 ... MOSFET Nch 60V Vds 20V Vgs PowerPAK 1212-8SCD Enlarge Mfr. Part # SISF20DN-T1-GE3. Mouser Part # 78-SISF20DN-T1-GE3. New Product. Vishay Semiconductors ...

N-Channel Dual MOSFET – Mouser

Common-Drain Dual N-Channel 60V MOSFET Increases Power Density and Efficiency. December 12, 2019 by Paul Shepard. Vishay Intertechnology, Inc. introduced a new common-drain dual n-channel 60V MOSFET in the compact, thermally enhanced PowerPAK® 1212-8SCD package. Designed to increase power density and efficiency in battery management systems, plug-in and wireless chargers, dc-dc converters, and ac-dc power supplies, the Vishay Siliconix SiSF20DN offers the industry’s lowest RS-S (on) in a ...

Common-Drain Dual N-Channel 60V MOSFET Increases Power ...

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Buy 2N7002DW-7-F - Multicomp Pro - MOSFET, DUAL N CHANNEL, 60V, 4.4OHM, 115mA, SOT-363-6. Farnell offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical support.

2N7002DW-7-F Multicomp Pro, MOSFET, DUAL N CHANNEL, 60V ...

Dual N-channel enhancement mode Field-Effect Transistor (FET) in a very small SOT363 (SC-88) Surface-Mounted Device (SMD) plastic package using Trench MOSFET technology. 1.2 Features and benefits Logic-level compatible Very fast switching Trench MOSFET technology ESD protection up to 2 kV AEC-Q101 qualified 1.3 Applications Relay driver

2N7002BKS 60 V, 300 mA dual N-channel Trench MOSFET

N Channel Drain Source Voltage Vds: 60V Continuous Drain Current Id: 320mA On Resistance Rds(on): 1ohm Transistor Case Style: SOT-363 Transistor Mounting: Surface Mount Rds(on) Test Voltage Vgs: 10V Threshold Voltage Vgs: 1.1V Power Dissipation Pd: 280mW No. of Pins: 6Pins

BSS138BKS, 115 Nexperia, Dual MOSFET, Trench, N Channel ...

Dual N-channel 60 V, 0.023 Ohm typ., 36 A STripFET F7 Power MOSFET in a PowerFLAT 5x6 double island package STY60NK30Z N-CHANNEL 300V - 0.045 Ohm - 60A Max247 Zener-Protected SuperMESH™Power MOSFET

N-channel MOSFETs (> 30V - 350V) - STMicroelectronics

MOSFET, DUAL N CHANNEL, 60V, 15A, SOIC CSD88539ND By: Amazon.co.uk: Electronics. Skip to main content. Try Prime Hello, Sign in Account & Lists Sign in Account & Lists Orders Try Prime Basket. Electronics & Photo Go Search Hello Select your address ...

MOSFET, DUAL N CHANNEL, 60V, 15A, SOIC CSD88539ND By ...

These N-Channel enhancement mode power field effect transistors are produced using Fairchild’s proprietary, planar stripe, DMOS technology. This advanced technology has been especially tailored to minimize on-state resistance, provide superior switching performance, and withstand high energy pulse in the avalanche and commutation mode.

FQP30N06L 60V LOGIC N-Channel MOSFET

8A, 30V, N Channel Dual Gate Power MOSFET. BSO4804_L1 : 8A, 30V, N Channel Dual Gate Power MOSFET. BSO604NS2/L3/INF : 5A, 55V, Dual N-Channel SIPMOS Small-Signal MOSFET. BSO615N : 2.6A, 60V, N Channel Dual Gate Power MOSFET - Optimos Series. BSO615NV : 3.1A, 60V, N Channel Dual Gate Power MOSFET - Optimos Series. BSO615NV_L1

N Channel | PSpice

60 V, 320 mA N-channel Trench MOSFET Device mounted on an FR4 PCB, single-sided copper, tin-plated, mounting pad for drain 1 cm2. D Device mounted on an FR4 Printed-Circuit Board (PCB), single-sided copper, tin-plated and standard footprint. Pttotal power dissipation Tamb=25°C-280mW

Design Note Collection, the third book in the Analog Circuit Design series, is a comprehensive volume of applied circuit design solutions, providing elegant and practical design techniques. Design Notes in this volume are focused circuit explanations, easily applied in your own designs. This book includes an extensive power management section, covering switching regulator design, linear regulator design, microprocessor power design, battery management, powering LED lighting, automotive and industrial power design. Other sections span a range of analog design topics, including data conversion, data acquisition, communications interface design, operational amplifier design techniques, filter design, and wireless, RF, communications and network design. Whatever your application -industrial, medical, security, embedded systems, instrumentation, automotive, communications infrastructure, satellite and radar, computers or networking; this book will provide practical design techniques, developed by experts for tackling the challenges of power management, data conversion, signal conditioning and wireless/RF analog circuit design. A rich collection of applied analog circuit design solutions for use in your own designs. Each Design Note is presented in a concise, two-page format, making it easy to read and assimilate. Contributions from the leading lights in analog design, including Bob Dobkin, Jim Williams, George Erdi and Carl Nelson, among others. Extensive sections covering power management, data conversion, signal conditioning, and wireless/RF.

"A textbook for 4th year undergraduate/first year graduate electrical engineering students"--