

60v Dual N Channel Mosfet

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60V DUAL N-CHANNEL 175°C MOSFET Product Summary V (BR)JSS 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 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

STSSDNF60L - 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.

STSSDNF60L - 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, PQFN, 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 S08, 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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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): 10hm 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, 0.025 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. 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. Ptotall power dissipation Tamb=25°C-280mW

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