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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 50mΩ @ V GS = 10V 16.7A 65mΩ @ V GS = 4.5V

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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 R0JL 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) (Ω) 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

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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) ( $\Omega$ ) 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 $\Omega$  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 $\Omega$  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

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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](#)

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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,

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4.40HM, 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

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*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*



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60 V, 320 mA N-channel Trench MOSFET Device mounted on an FR4 PCB, single-sided copper, tin-plated, mounting pad for drain 1 cm<sup>2</sup>. D Device mounted on an FR4 Printed-Circuit Board (PCB), single-sided copper, tin-plated and standard footprint. P<sub>total</sub> power dissipation T<sub>amb</sub>=25°C-280mW

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