



SIHF12N60E-GE3

Manufacturer Part Number:	SIHF12N60E-GE3
Manufacturer / Brand	Electro-Films (EFI) / Vishay
Part of Description:	MOSFET N-CH 600V 12A TO220 FULLP
Datasheets:	SIHF12N60E-GE3.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 5000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of SIHF12N60E-GE3

Part Number	SIHF12N60E-GE3	Manufacturer / Brand	Electro-Films (EFI) / Vishay
Series	E	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Package / Case	TO-220-3 Full Pack	Packaging	Cut Tape (CT)
Mounting Type	Through Hole	Supplier Device Package	TO-220 Full Pack
Operating Temperature	-55°C ~ 150°C (TJ)	Detailed Description	N-Channel 600V 12A (Tc) 33W (Tc) Through Hole TO-220 Full Pack
Technology	MOSFET (Metal Oxide)	Power Dissipation (Max)	33W (Tc)
FET Type	N-Channel	FET Feature	-
Drain to Source Voltage (Vdss)	600V	Current - Continuous Drain (Id) @ 25°C	12A (Tc)
Rds On (Max) @ Id, Vgs	380 mOhm @ 6A, 10V	Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	58nC @ 10V	Input Capacitance (Ciss) (Max) @ Vds	937pF @ 100V
Drive Voltage (Max Rds On, Min Rds On)	10V	Vgs (Max)	±30V
Other Names	SIHF12N60E-GE3CT	Stock Quantity	5000 pcs Stock
Category	Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single	Description	MOSFET N-CH 600V 12A TO220 FULLP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to SIHF12N60E-GE3

Electro-Films (EFI) / Vishay SIHF12N60E-GE3	SIHF12N60E-GE3 part	SIHF12N60E-GE3 Price	SIHF12N60E-GE3 Distributor
SIHF12N60E-GE3 Technical	SIHF12N60E-GE3 Stock	SIHF12N60E-GE3 Inventory	SIHF12N60E-GE3 Supplier
SIHF12N60E-GE3 Online Order	SIHF12N60E-GE3 Inquiry	SIHF12N60E-GE3 Image	SIHF12N60E-GE3 Picture
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<p>IMAGE NOT AVAILABLE</p> <p>SIHF12N50C. Description: SIHF12N50C. VB TO-263 Manufacturers: VB In Stock: New original, 5000 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>SIHF10N40D Description: SIHF10N40D VB TO-220FULLPAK Manufacturers: VB In Stock: New original, 5100 pcs Stock Available. Quote: RFQ</p>	<p>SIHF15N60E-EG3 Description: SIHF15N60E-EG3 VISHAY TO-220F Manufacturers: Vishay Precision Group In Stock: New original, 12000 pcs Stock Available. Quote: RFQ</p>
<p>SIHB33N60E-GE3 Description: MOSFET N-CH 600V 33A TO-263 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 1400 pcs Stock Available. Quote: RFQ</p>	<p>IMAGE NOT AVAILABLE</p> <p>SIHF12N65E Description: SIHF12N65E V TO-220 Manufacturers: V In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>	<p>SIHF18N50D TK18A50D Description: SIHF18N50D TK18A50D TOSHIBA TO-220F Manufacturers: Toshiba Semiconductor and Storage In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>
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<p>SIHF15N65E-GE3 Description: MOSFET N-CH 650V 15A TO220AB Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 100 pcs Stock Available. Quote: RFQ</p>	<p>SIHF16N50C Description: SIHF16N50C Vishay TO-220 Manufacturers: Vishay Precision Group In Stock: New original, 21000 pcs Stock Available. Quote: RFQ</p>	<p>SIHF12N50C TK12A50D Description: SIHF12N50C TK12A50D TOSHIBA TO-220F Manufacturers: Toshiba Semiconductor and Storage In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>
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<p>SIHF22N60E Description: SIHF22N60E VISHAY TO-220F Manufacturers: Vishay Precision Group In Stock: New original, 100 pcs Stock Available. Quote: RFQ</p>	<p>SIHD7N60E-GE3 Description: MOSFET N-CH 600V 7A TO-252 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 900 pcs Stock Available. Quote: RFQ</p>	<p>SIHF18N50C-E3 Description: MOSFET N-CH 500V 18A TO220 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>
<p>SIHF15N60E-GE3 Description: MOSFET N-CH 600V 15A TO220 FULLP Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>	<p>SIHF18N50D-E3 Description: MOSFET N-CH 500V 18A TO-220FP Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 1000 pcs Stock Available. Quote: RFQ</p>	<p>SIHB22N60E-GE3 Description: MOSFET N-CH 600V 21A D2PAK Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 300 pcs Stock Available. Quote: RFQ</p>
<p>SIHB22N60S-GE3 Description: MOSFET N-CH 650V TO263 Manufacturers: Electro-Films (EFI) / Vishay In Stock: New original, 100 pcs Stock Available. Quote: RFQ</p>	<p>SIHF12N60E TK12A60 Description: SIHF12N60E TK12A60 TOSHIBA TO-220F Manufacturers: Toshiba Semiconductor and Storage In Stock: New original, 32400 pcs Stock Available. Quote: RFQ</p>	<p>SIHB22N60S-E3 Description: MOSFET N-CH 600V 22A D2PAK Manufacturers: Vishay / Spectrol In Stock: New original, 100 pcs Stock Available. Quote: RFQ</p>



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