





SUM70060E-GE3

Manufacturer Part Number	SUM70060E-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SUM70060E-GE3
ECAD Model	 Request Free CAD Models
Parts Description	MOSFET N-CH 100V 131A TO263
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	SUM70060E.pdf
RoHs Status	 ROHS3 Compliant



Get a Quote

SUM70060E-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SUM70060E-GE3 datasheet/specifications on AllelcoElec.com.

Request a quote for SUM70060E-GE3, please send us email: info@allelco.com

Specifications





SUM70060E-GE3 Tech Specifications

SUM70060E-GE3 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	4V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	3330 pF @ 50 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	81 nC @ 10 V
Supplier Device Package	TO-263 (D ² Pak)	FET Type	N-Channel
Series	ThunderFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	5.6mOhm @ 30A, 10V	Drive Voltage (Max Rds On, Min Rds On)	7.5V, 10V
Power Dissipation (Max)	375W (Tc)	Drain to Source Voltage (Vdss)	100 V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	131A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SUM70060

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix SUM70060E-GE3

Product Attribute	 NO PICTURE			
Part Number	SUM70060E-GE3	SUM70040E-GE3	SUM70N03-09CP-E3	SUM60N10-17-E3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Dissipation (Max)	375W (Tc)	375W (Tc)	3.75W (Ta), 93W (Tc)	3.75W (Ta), 150W (Tc)
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Input Capacitance (Ciss) (Max) @ Vds	3330 pF @ 50 V	5100 pF @ 50 V	2200 pF @ 25 V	4300 pF @ 25 V
Base Product Number	SUM70060	SUM70040	SUM70	SUM60
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Current - Continuous Drain (Id) @ 25°C	131A (Tc)	120A (Tc)	70A (Tc)	60A (Tc)
Supplier Device Package	TO-263 (D ² Pak)	TO-263 (D ² Pak)	TO-263 (D ² Pak)	TO-263 (D ² Pak)
Rds On (Max) @ Id, Vgs	5.6mOhm @ 30A, 10V	4mOhm @ 20A, 10V	9.5mOhm @ 20A, 10V	16.5mOhm @ 30A, 10V
Drive Voltage (Max Rds On, Min Rds On)	7.5V, 10V	7.5V, 10V	4.5V, 10V	6V, 10V
Vgs (Max)	±20V	±20V	±20V	±20V
Series	ThunderFET®	TrenchFET®	TrenchFET®	TrenchFET®
Drain to Source Voltage (Vdss)	100 V	100 V	30 V	100 V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	3V @ 250µA	4V @ 250µA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Gate Charge (Qg) (Max) @ Vgs	81 nC @ 10 V	120 nC @ 10 V	45 nC @ 10 V	100 nC @ 10 V
FET Feature	-	-	-	-

SUM70060E-GE3 Datasheet PDF

Download SUM70060E-GE3 pdf datasheets and Vishay Siliconix documentation for SUM70060E-GE3 - Vishay Siliconix.

Datasheets


SUM70060E.pdf

Customers Also Interested in

Recommended Products

**SUM70040E-GE3**Vishay Siliconix
MOSFET N-CH 100V 120A TO263**SUM70N04-07L**

Electro-Films (EFI) / Vishay

**SUM70N03-09CP-E3**Vishay Siliconix
MOSFET N-CH 30V 70A TO263**SUM65N20-30**

Electro-Films (EFI) / Vishay

**SUM60N10-17-E3**Vishay Siliconix
MOSFET N-CH 100V 60A TO263**SUM70N03-09CP MOS**

Electro-Films (EFI) / Vishay

**SUM62N20-30-E3**

VISH

**SUM70101EL-GE3**Vishay Siliconix
MOSFET P-CH 100V 120A TO263**SUM65P06-20**

Electro-Films (EFI) / Vishay

**SUM70040E**

Electro-Films (EFI) / Vishay

**SUM70090E-GE3**Vishay Siliconix
MOSFET N-CH 100V 50A TO263**SUM65N20-30-E3 MOS**

Electro-Films (EFI) / Vishay

**SUM65N20-30 MOS**

Electro-Films (EFI) / Vishay

**SUM60N10-17-GE3**

VBSEMI

**SUM70N04-07L-E3**Vishay Siliconix
MOSFET N-CH 40V 70A TO263**SUM70N04-07**

VBSEMI

**SUM65N20-30-E3**Vishay Siliconix
MOSFET N-CH 200V 65A TO263**SUM70N03-09CP**

Electro-Films (EFI) / Vishay

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

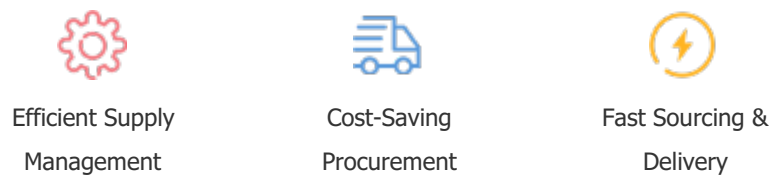
Contact us if you have any questions.

Payment Support

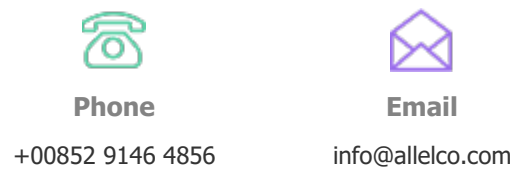
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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