



# SQM200N04-1M1L\_GE3

Manufacturer Part Number	<b>SQM200N04-1M1L_GE3</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-SQM200N04-1M1L_GE3
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 40V 200A TO263-7
Package	TO-263-7, D <sup>2</sup> Pak (6 Leads + Tab)
Data sheet	<b>SQM200N04-1M1L-GE3.pdf</b>
RoHs Status	ROHS3 Compliant

Get a Quote

SQM200N04-1M1L\_GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SQM200N04-1M1L\_GE3 datasheet/specifications on AllelcoElec.com.  
Request a quote for SQM200N04-1M1L\_GE3, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

SQM200N04-1M1L\_GE3 Tech Specifications  
SQM200N04-1M1L\_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	2.5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	20655 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	413 nC @ 10 V
Supplier Device Package	TO-263-7	FET Type	N-Channel
Series	TrenchFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	1.1mOhm @ 30A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	375W (Tc)	Drain to Source Voltage (Vdss)	40 V
Package / Case	TO-263-7, D <sup>2</sup> Pak (6 Leads + Tab)	Current - Continuous Drain (Id) @ 25°C	200A (Tc)
Package	Tape & Reel (TR)	Base Product Number	SQM200

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SQM200N04-1M1L\_GE3

Product Attribute				
Part Number	SQM200N04-1M1L_GE3	<a href="#">SQM40041EL_GE3</a>	<a href="#">SQM120N10-3M8_GE3</a>	<a href="#">SQM40031EL_GE3</a>
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	10V	4.5V, 10V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Type	N-Channel	P-Channel	N-Channel	P-Channel
Rds On (Max) @ Id, Vgs	1.1mOhm @ 30A, 10V	3.4mOhm @ 25A, 10V	3.8mOhm @ 20A, 10V	3mOhm @ 30A, 10V
Series	TrenchFET®	Automotive, AEC-Q101, TrenchFET®	Automotive, AEC-Q101, TrenchFET®	Automotive, AEC-Q101, TrenchFET®
Drain to Source Voltage (Vdss)	40 V	40 V	100 V	40 V
Current - Continuous Drain (Id) @ 25°C	200A (Tc)	120A (Tc)	120A (Tc)	120A (Tc)
FET Feature	-	-	-	-
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Vgs (Max)	±20V	±20V	±20V	±20V
Vgs(th) (Max) @ Id	2.5V @ 250µA	2.5V @ 250µA	3.5V @ 250µA	2.5V @ 250µA
Power Dissipation (Max)	375W (Tc)	157W (Tc)	375W (Tc)	375W (Tc)
Supplier Device Package	TO-263-7	TO-263 (D <sup>2</sup> Pak)	TO-263 (D <sup>2</sup> Pak)	TO-263 (D <sup>2</sup> Pak)
Base Product Number	SQM200	SQM40041	SQM120	SQM40031
Package / Case	TO-263-7, D <sup>2</sup> Pak (6 Leads + Tab)	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Input Capacitance (Ciss) (Max) @ Vds	20655 pF @ 25 V	23600 pF @ 25 V	7230 pF @ 25 V	39000 pF @ 25 V
Gate Charge (Qg) (Max) @ Vgs	413 nC @ 10 V	450 nC @ 10 V	190 nC @ 10 V	800 nC @ 10 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

## SQM200N04-1M1L\_GE3 Datasheet PDF

Download SQM200N04-1M1L\_GE3 pdf datasheets and Vishay Siliconix documentation for SQM200N04-1M1L\_GE3 - Vishay Siliconix.

### Datasheets

[SQM200N04-1M1L-GE3.pdf](#)



















### PCN Part Number

[New Ordering Code 19/Mar/2015.pdf](#)

### PCN Assembly/Origin

## Customers Also Interested in

### Recommended Products

 NO PICTURE	 NO PICTURE		 NO PICTURE	 NO PICTURE	
<b>SQM40N15-38</b> VISH	<b>SQM25N15-52</b> VISH	<b>SQM120P04-04L-GE3</b> Electro-Films (EFI) / Vishay	<b>SQM40N10-30-GE3</b> VBSEMI	<b>SQM40N15-38-GE3</b> VBSEMI	<b>SQM40041EL_GE3</b> Vishay Siliconix MOSFET P-CH 40V 120A TO263
 NO PICTURE			 NO PICTURE		
<b>SQM25N15-52-GE3</b> VBSEMI	<b>SQM120N10-3M8_GE3</b> Vishay Siliconix MOSFET N-CH 100V 120A TO263	<b>SQM40P10-40L GE3</b> Electro-Films (EFI) / Vishay	<b>SQM40N10-30</b> VISH	<b>SQM120N10-3M8-GE3</b> Electro-Films (EFI) / Vishay	<b>SQM40031EL_GE3</b> Vishay Siliconix MOSFET P-CH 40V 120A D2PAK
 NO PICTURE	 NO PICTURE	 NO PICTURE		 NO PICTURE	
<b>SQM120P04-04L</b> VISH	<b>SQM40P10-40L</b> VISH	<b>SQM120P06-07L</b> VISH	<b>SQM120P10_10M1LGE3</b> Vishay Siliconix MOSFET P-CH 100V 120A TO263	<b>SQM120N10-3M8</b> VISH	<b>SQM120P06-07L_GE3</b> Vishay Siliconix MOSFET P-CH 60V 120A TO263

## 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.

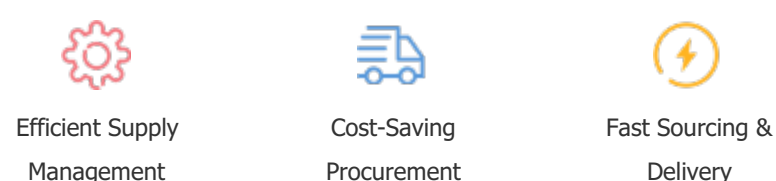
### Payment Support

The payment method can be chosen from the methods shown below:

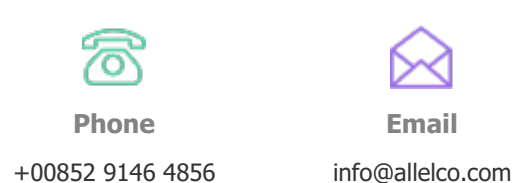
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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