



IPD135N03LG

Manufacturer Part Number	IPD135N03LG
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IPD135N03LG
ECAD Model	Request Free CAD Models
Parts Description	OPTLMOS N-CHANNEL POWER MOSFET
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	IPD135N03LG.pdf



Get a Quote

IPD135N03LG - Infineon Technologies.New Original in Stock. Download Linear Technology IPD135N03LG datasheet/specifications on AllelcoElec.com.
Request a quote for IPD135N03LG, please send us email: info@allelco.com

Specifications

IPD135N03LG Tech Specifications

IPD135N03LG - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	2.2V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1000 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	10 nC @ 10 V
Supplier Device Package	PG-TO252-3-11	FET Type	N-Channel
Series	CoolMOS™	FET Feature	-
Rds On (Max) @ Id, Vgs	13.5mOhm @ 30A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	31W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	30A (Tc)
Package	Bulk		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IPD135N03LG

Product Attribute				
Part Number	IPD135N03LG	IPD12CN10NG	IPD135N08N3GATMA1	IPD12CN10N
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Feature	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Vgs(th) (Max) @ Id	2.2V @ 250µA	4V @ 83µA	3.5V @ 33µA	4V @ 83µA
Package	Bulk	Bulk	Tape & Reel (TR)	Bulk
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	10V	6V, 10V	10V
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Supplier Device Package	PG-TO252-3-11	PG-TO252-3-313	PG-TO252-3	PG-TO252-3-313
Gate Charge (Qg) (Max) @ Vgs	10 nC @ 10 V	65 nC @ 10 V	25 nC @ 10 V	65 nC @ 10 V
Input Capacitance (Ciss) (Max) @ Vds	1000 pF @ 15 V	4320 pF @ 50 V	1730 pF @ 40 V	4320 pF @ 50 V
Rds On (Max) @ Id, Vgs	13.5mOhm @ 30A, 10V	12.4mOhm @ 67A, 10V	13.5mOhm @ 45A, 10V	12.4mOhm @ 67A, 10V
Drain to Source Voltage (Vdss)	30 V	100 V	80 V	100 V
Power Dissipation (Max)	31W (Tc)	125W (Tc)	79W (Tc)	125W (Tc)
Current - Continuous Drain (Id) @ 25°C	30A (Tc)	67A (Tc)	45A (Tc)	67A (Tc)
Vgs (Max)	±20V	±20V	±20V	±20V
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	CoolMOS™	OptiMOS™ 2	OptiMOS™	OptiMOS™

Customers Also Interested in

Recommended Products



IPD12N03L MOS
Cypress Semiconductor
(Infineon Technologies)



IPD12N03LB
Cypress Semiconductor
(Infineon Technologies)



IPD135N03L
IPD135N03L



IPD12CNE8NG
VBSEMI



IPD12CN10LG
Cypress Semiconductor
(Infineon Technologies)



IPD12N03L
Cypress Semiconductor
(Infineon Technologies)



IPD135N08N3G
Cypress Semiconductor
(Infineon Technologies)

IPD12CN10NG
Infineon Technologies
OPTLMOS N-CHANNEL POWER
MOSFET

IPD13N03LAG
Cypress Semiconductor
(Infineon Technologies)

IPD12N03LBG
Cypress Semiconductor
(Infineon Technologies)

IPD135N08N3GATMA1
Infineon Technologies
MOSFET N-CH 80V 45A TO252-3

IPD135N03LG MOS
Cypress Semiconductor
(Infineon Technologies)



IPD13N03LAG MOS
Cypress Semiconductor
(Infineon Technologies)

IPD13N03LA MOS
Cypress Semiconductor
(Infineon Technologies)

IPD13N03LA
Cypress Semiconductor
(Infineon Technologies)

IPD135N03LG 135N03L
Cypress Semiconductor
(Infineon Technologies)

IPD12CN10NG MOS
Cypress Semiconductor
(Infineon Technologies)

IPD12CN10N
Infineon Technologies
N-CHANNEL POWER MOSFET

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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



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Email
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Certifications & Memberships



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