



NDC7002N

Manufacturer Part Number	NDC7002N	Manufacturer	UMW
Allelco Part Number	32D-NDC7002N	ECAD Model	Request Free CAD Models
Parts Description	50V 510MA 2R@10V,510MA 700MW 2.5	Package	SOT-23-6
Data sheet	NDC7002N.pdf	RoHs Status	ROHS3 Compliant

NDC7002N - UMW.New Original in Stock. Download Linear Technology NDC7002N datasheet/specifications on AllelcoElec.com.
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Specifications

NDC7002N Tech Specifications
NDC7002N - UMW technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	UMW	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	2.5V @ 250µA	Mounting Type	Surface Mount
Technology	-	Input Capacitance (Ciss) (Max) @ Vds	20pF @ 25V
Supplier Device Package	SOT-23-6	Gate Charge (Qg) (Max) @ Vgs	1nC @ 10V
Series	UMW	FET Feature	Standard
Rds On (Max) @ Id, Vgs	20hm @ 510mA, 10V	Drain to Source Voltage (Vdss)	50V
Power - Max	700mW (Ta)	Current - Continuous Drain (Id) @ 25°C	510mA (Ta)
Package / Case	SOT-23-6	Base Product Number	NDC7002
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to UMW NDC7002N

Product Attribute	NO PICTURE			
Part Number	NDC7002N	NDC7001C	NDC7002N	NDC7003P
Manufacturer	UMW	onsemi	onsemi	onsemi
Current - Continuous Drain (Id) @ 25°C	510mA (Ta)	510mA, 340mA	510mA	340mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SOT-23-6	SuperSOT™-6	SuperSOT™-6	SuperSOT™-6
FET Feature	Standard	Logic Level Gate	Logic Level Gate	Logic Level Gate
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Series	UMW	-	-	PowerTrench®
Base Product Number	NDC7002	NDC7001	NDC7002	NDC7003
Package / Case	SOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6	SOT-23-6 Thin, TSOT-23-6
Technology	-	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Rds On (Max) @ Id, Vgs	20hm @ 510mA, 10V	20hm @ 510mA, 10V	20hm @ 510mA, 10V	50hm @ 340mA, 10V
Vgs(th) (Max) @ Id	2.5V @ 250µA	2.5V @ 250µA	2.5V @ 250µA	3.5V @ 250µA
Power - Max	700mW (Ta)	700mW	700mW	700mW
Gate Charge (Qg) (Max) @ Vgs	1nC @ 10V	1.5nC @ 10V	1nC @ 10V	2.2nC @ 10V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Drain to Source Voltage (Vdss)	50V	60V	50V	60V
Input Capacitance (Ciss) (Max) @ Vds	20pF @ 25V	20pF @ 25V	20pF @ 25V	66pF @ 25V

NDC7002N Datasheet PDF

Download NDC7002N pdf datasheets and UMW documentation for NDC7002N - UMW.

Datasheets

[NDC7002N.pdf](#)

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Recommended Products

NDC652P_NL Fairchild (onsemi)	NDC7002 Fairchild (onsemi)	NDC7002N-NL Fairchild (onsemi)	NO PICTURE	NDC651N-NL	NDC7001C onsemi MOSFET N/P-CH 60V SSOT6	NDC7002N onsemi MOSFET 2N-CH 50V 0.51A SSOT6
NDC7003P MOS	NDC7001C MOS	NDC652P MOS	NDC651N MOS	NDC652PCT-ND	NDC7003P	

**NDC652**

Fairchild (onsemi)

NDC7001C-NL

Fairchild (onsemi)

NDC652P-NL

Fairchild (onsemi)

NDC7002N MOS

Fairchild (onsemi)

NDC652Ponsemi
MOSFET P-CH 30V 2.4A SUPERSOT6**NDC7002N_NL**

AMI Semiconductor/onsemi

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.



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Management



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Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



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