

# 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
	nal in Stock. Download Linear Technology NDC7002N datasheet/specifications on Alle	elcoElec.com.	Get a Quote

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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	ON Semiconductor®	ON Semiconductor*	ON Semiconductor*
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 <sup>™</sup> -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

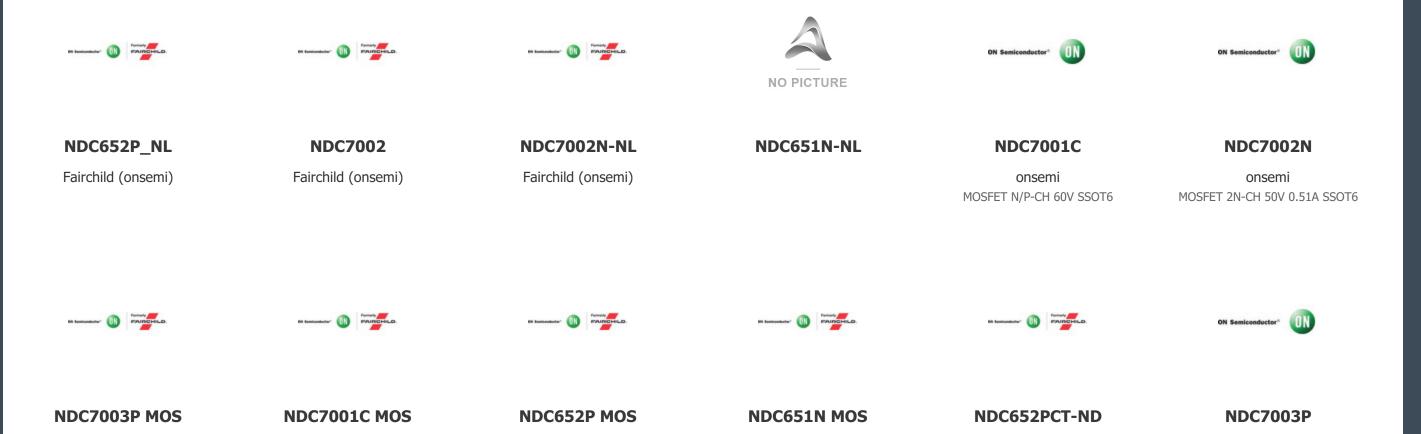
Download NDC7002N pdf datasheets and UMW documentation for NDC7002N - UMW.

### Datasheets



### **Customers Also Interested in**

**Recommended Products** 



Fairchild (onsemi)	Fairchild (onsemi)	Fairchild (onsemi)	Fairchild (onsemi)	Fairchild (onsemi)	onsemi MOSFET 2P-CH 60V 0.34A SSOT6
Bi baskashetar"	B basissadatar () Provide Professional D	Bi hannankatar"	Bi Instandaria:	ON Semiconductor <sup>a</sup>	ON Semiconductor*
NDC652 Fairchild (onsemi)	NDC7001C-NL Fairchild (onsemi)	<b>NDC652P-NL</b> Fairchild (onsemi)	NDC7002N MOS Fairchild (onsemi)	NDC652P onsemi 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**

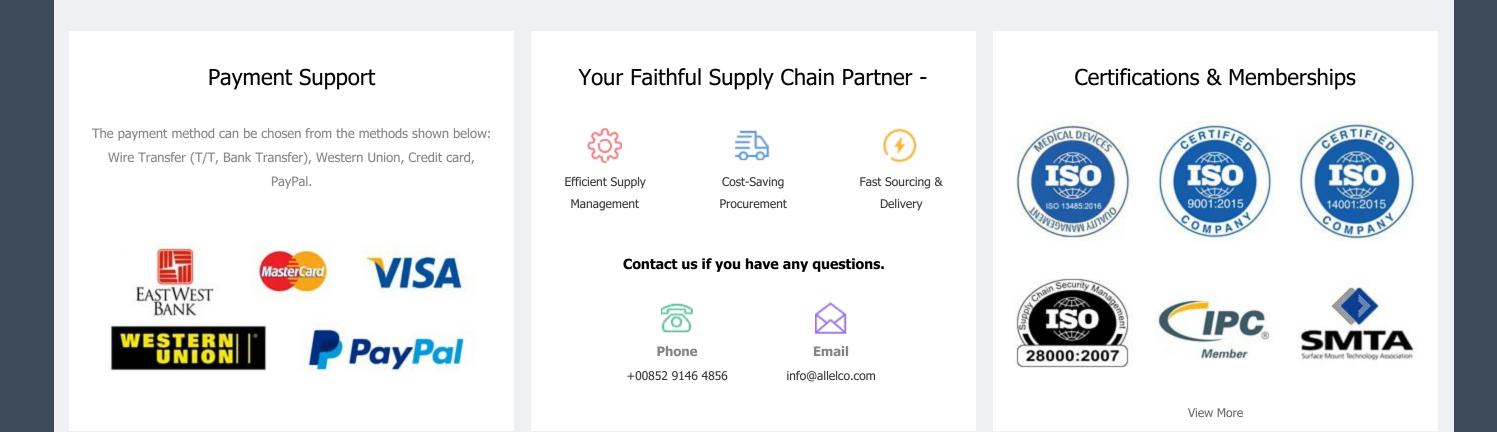
- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

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

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	

	Japan	/
Middle East	Israel	6

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.





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### Contact us

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