



Image may be representation.  
See specifications for product details.



## TP2104N3-G

Manufacturer Part Number	<b>TP2104N3-G</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-TP2104N3-G
ECAD Model	Request Free CAD Models
Parts Description	MOSFET P-CH 40V 175MA TO92-3
Package	TO-226-3, TO-92-3 (TO-226AA)
Data sheet	<b>TP2104.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TP2104N3-G - Microchip Technology. New Original in Stock. Download Linear Technology TP2104N3-G datasheet/specifications on AllelcoElec.com.  
Request a quote for TP2104N3-G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TP2104N3-G Tech Specifications

TP2104N3-G - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	2V @ 1mA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	60 pF @ 25 V
Technology	MOSFET (Metal Oxide)	FET Type	P-Channel
Supplier Device Package	TO-92-3	FET Feature	-
Series	-	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Rds On (Max) @ Id, Vgs	60hm @ 500mA, 10V	Drain to Source Voltage (Vdss)	40 V
Power Dissipation (Max)	740mW (Ta)	Current - Continuous Drain (Id) @ 25°C	175mA (TJ)
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	Base Product Number	TP2104
Package	Bag		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TP2104N3-G

Product Attribute				
Part Number	TP2104N3-G	<b>TP2104K1-G</b>	TP2104N3	TP2122-SR
Manufacturer	Microchip Technology	Microchip Technology	SUPERTEX	3PEAK
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	-	-
Vgs (Max)	±20V	±20V	-	-
Mounting Type	Through Hole	Surface Mount	-	-
Series	-	-	-	-
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	TO-236-3, SC-59, SOT-23-3	-	-
Input Capacitance (Ciss) (Max) @ Vds	60 pF @ 25 V	60 pF @ 25 V	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C	-	-
Drain to Source Voltage (Vdss)	40 V	40 V	-	-
Supplier Device Package	TO-92-3	TO-236AB (SOT23)	-	-
FET Type	P-Channel	P-Channel	-	-
Package	Bag	Tape & Reel (TR)	-	-
Base Product Number	TP2104	TP2104	-	-
Rds On (Max) @ Id, Vgs	60hm @ 500mA, 10V	60hm @ 500mA, 10V	-	-
Current - Continuous Drain (Id) @ 25°C	175mA (TJ)	160mA (TJ)	-	-
FET Feature	-	-	-	-
Power Dissipation (Max)	740mW (Ta)	360mW (Ta)	-	-
Vgs(th) (Max) @ Id	2V @ 1mA	2V @ 1mA	-	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	-	-

### TP2104N3-G Datasheet PDF

Download TP2104N3-G pdf datasheets and Microchip Technology documentation for TP2104N3-G - Microchip Technology.

#### Datasheets

[TP2104.pdf](#)

#### PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

#### Environmental Information

Microchip CA Prop65.pdf

Microchip REACH.pdf

Microchip RoHS.pdf

### PCN Assembly/Origin

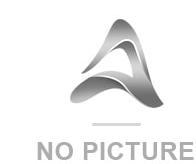
New Mold Compound 16/May/2022.pdf

### PCN Design/Specification

TP2104 07/Apr/2020.pdf

## Customers Also Interested in

### Recommended Products



NO PICTURE

**TP2104N3**  
SUPERTEX



NO PICTURE

**TP2122-SR**  
3PEAK



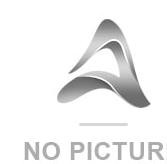
NO PICTURE

**TP2121-CR**  
3PEAK



NO PICTURE

**TP2106N3**  
SUPERTEX



NO PICTURE

**TP2051**  
TRIPATH



NO PICTURE

**TP2122-VR**  
3PEAK



NO PICTURE

**TP2121U-TR**  
3PEAK



NO PICTURE

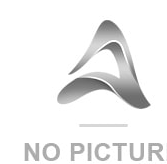
**TP2111-TR**  
3PEAK



**TP2104K1-G**  
Microchip Technology  
MOSFET P-CH 40V 160MA TO236AB



**TP2020L**  
Electro-Films (EFI) / Vishay



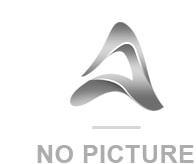
NO PICTURE

**TP2012-R1255LST/LF**



NO PICTURE

**TP2014**  
SUPERTEX



NO PICTURE

**TP2050**  
TRIPATH



NO PICTURE

**TP2112-SR**  
3PEAK



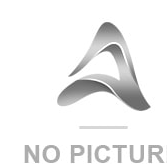
NO PICTURE

**TP2104K1**  
SUPERTEX



NO PICTURE

**TP2121-TR**  
3PEAK



NO PICTURE

**TP2121-SR**  
3PEAK



NO PICTURE

**TP2106K1-G**  
MSV

## 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.



Phone

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Email

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### Certifications & Memberships



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