

Image may be representation.  
See specifications for product details.



## MWCT1000CFM

|                          |                                 |
|--------------------------|---------------------------------|
| Manufacturer Part Number | <b>MWCT1000CFM</b>              |
| Manufacturer             | <b>NXP Semiconductors</b>       |
| Allelco Part Number      | 32D-MWCT1000CFM                 |
| ECAD Model               | PCB Symbol, Footprint & 3D Mode |
| Parts Description        | IC DSP SGL COIL 5W 5V STD 32QFN |
| Package                  | 32-VFQFN Exposed Pad            |
| Data sheet               | <b>MWCT1000.pdf</b>             |
| RoHs Status              | ROHS3 Compliant                 |

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MWCT1000CFM - NXP USA Inc..New Original in Stock. Download Linear Technology MWCT1000CFM datasheet/specifications on AllelcoElec.com.  
Request a quote for MWCT1000CFM, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MWCT1000CFM Tech Specifications  
MWCT1000CFM - NXP USA Inc. technical specifications, attributes, parameters

| Product Attribute       | Attribute Value      | Product Attribute     | Attribute Value               |
|-------------------------|----------------------|-----------------------|-------------------------------|
| Manufacturer            | NXP Semiconductors   | Operating Temperature | -40°C ~ 85°C                  |
| Voltage - Supply        | 2.7V ~ 3.6V          | Mounting Type         | Surface Mount, Wettable Flank |
| Supplier Device Package | 32-HVQFN (5x5)       | Current - Supply      | -                             |
| Series                  | -                    | Base Product Number   | MWCT1000                      |
| Package / Case          | 32-VFQFN Exposed Pad | Applications          | Wireless Power Transmitter    |
| Package                 | Tray                 |                       |                               |

### Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MWCT1000CFM

| Product Attribute       |                               |                            |                    |                            |
|-------------------------|-------------------------------|----------------------------|--------------------|----------------------------|
| Part Number             | MWCT1000CFM                   | <b>MWCT1012VLF</b>         | <b>MWCT1013VLH</b> | <b>MWCT1003AVLH</b>        |
| Manufacturer            | NXP USA Inc.                  | NXP USA Inc.               | NXP USA Inc.       | NXP USA Inc.               |
| Package / Case          | 32-VFQFN Exposed Pad          | 48-LQFP                    | 64-LQFP            | 64-LQFP                    |
| Series                  | -                             | -                          | -                  | Automotive, AEC-Q100       |
| Current - Supply        | -                             | 1.7mA                      | -                  | -                          |
| Base Product Number     | MWCT1000                      | MWCT1012                   | MWCT1013           | MWCT1003                   |
| Mounting Type           | Surface Mount, Wettable Flank | Surface Mount              | Surface Mount      | Surface Mount              |
| Package                 | Tray                          | Tray                       | Tray               | Tray                       |
| Voltage - Supply        | 2.7V ~ 3.6V                   | 3V ~ 3.6V                  | 2.7V ~ 3.6V        | 2.7V ~ 3.6V                |
| Applications            | Wireless Power Transmitter    | Wireless Power Transmitter | General Purpose    | Wireless Power Transmitter |
| Operating Temperature   | -40°C ~ 85°C                  | -40°C ~ 105°C (TA)         | -40°C ~ 105°C (TA) | -40°C ~ 105°C              |
| Supplier Device Package | 32-HVQFN (5x5)                | 48-LQFP (7x7)              | 64-LQFP (10x10)    | 64-LQFP (10x10)            |

### MWCT1000CFM Datasheet PDF

Download MWCT1000CFM pdf datasheets and NXP USA Inc. documentation for MWCT1000CFM - NXP USA Inc..

#### Datasheets

[MWCT1000.pdf](#)

#### PCN Packaging

[2.73KHz.pdf](#)

#### Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

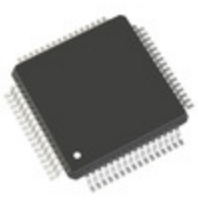
#### PCN Assembly/Origin

[2.73KHz.pdf](#)

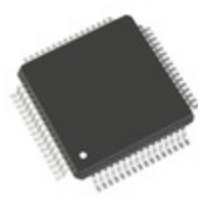
### Customers Also Interested in

#### Recommended Products

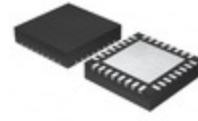
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|--|--|--|--|------------------------------------|--|
|  |  |  |  |                                    |  |
| <b>MWCT1012VLF</b>                             | <b>MWCT1013VLH</b>                     | <b>MWCT1003AVLH</b>                            | <b>MWCT1011AVLH</b>                          | <b>MWCT1014SFVLL</b>               | <b>MWCT1011CFM</b>                             |
| NXP USA Inc.<br>IC WIRELESS PWR TX 96KB LQFP48 | NXP USA Inc.<br>32BIT256K FLASHIFR PGM | NXP USA Inc.<br>IC DSP MULTI COIL 5W 5V 64LQFP | NXP USA Inc.<br>15W MULTI-COIL AUTO STANDARD | NXP USA Inc.<br>WCT1014SF 100 LQFP | NXP USA Inc.<br>15W SINGLE-COIL CONSUMER STAND |

**MWCT1001AVLH**

NXP USA Inc.  
IC DSP MULTI COIL 5W 5V 64LQFP

**MWCT1014SFVLH**

NXP USA Inc.  
WCT1014SF 64 LQFP

**MWCT1012CFM**

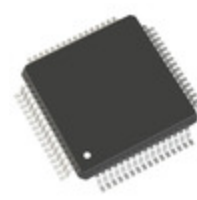
NXP USA Inc.  
IC TRANSMITTER 32QFN

**MWCT1011BVLH**

NXP USA Inc.  
DSC 64 LQFP 64K FLASH

**MWCT1015SFVLLP**

NXP USA Inc.  
WCT1015,NO CSEC/CAN-FD

**MWCT1101CLH**

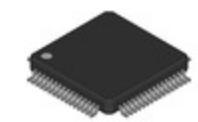
NXP USA Inc.  
IC DSP SINGLE COIL 5W 5V 64QFP

**MWCT1111CLH**

NXP USA Inc.  
IC TRANSMITTER 40KB FLASH 64LQFP

**MWCT1011BVLHR**

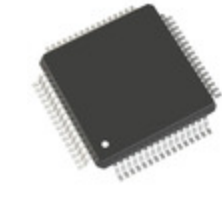
NXP USA Inc.  
DSC 64 LQFP 64K FLASH

**MWCT1101CLH**

Freescape Semiconductor  
5W, SINGLE-COIL, 5V, PREMIUM, LQ

**MWCT1000CFM**

Freescape Semiconductor  
5W, SINGLE-COIL, 5V, STANDARD, Q

**MWCT1013VLHST**

NXP USA Inc.  
32BIT256K FLASHSTR CTM

**MWCT1011VLH**

NXP USA Inc.  
15W MULTI-COIL CONS QFP

## 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  
+00852 9146 4856  
 Email  
info@allelco.com

## Certifications & Memberships



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