

CDP68HC68T1M2Z



**Part Number:** [CDP68HC68T1M2Z](#)

**Manufacturer:** [Intersil](#)

**Description:** IC RTC CLK/CALENDAR SPI 16-SOIC

**Data sheet:**  [CDP68HC68T1](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                      |                                  |                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                  | CDP68HC68T1M2Z                                       | Manufacturer                     | <a href="#">Intersil</a>                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC RTC CLK/CALENDAR SPI 16-SOIC                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                           | 11599 pcs                                            | Data sheet                       | <a href="#">CDP68HC68T1</a>                                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>            | Voltage - Supply, Battery        | 2.2 V ~ 6 V                                                                    |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                             | 3 V ~ 6 V                                            | Type                             | Clock/Calendar                                                                 |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                                  | HH:MM:SS (12/24 hr)                                  | Supplier Device Package          | 16-SOIC                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                    | Packaging                        | Tube                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                               | 16-SOIC (0.295", 7.50mm Width)                       | Operating Temperature            | -40°C ~ 85°C                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                  |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32B                                                  | Manufacturer Standard Lead Time  | 8 Weeks                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                           | Interface                        | SPI                                                                            |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                     | Alarm, Leap Year, Square Wave Output, Watchdog Timer | Detailed Description             | Real Time Clock (RTC) IC Clock/Calendar 32B SPI 16-SOIC (0.295", 7.50mm Width) |
| Date Format                                                                                                                                                                                                                                                                                                                                                                                                                                  | YY-MM-DD-dd                                          | Current - Timekeeping (Max)      | 20µA ~ 500µA @ 5V                                                              |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | CDP68HC68T1                                          |                                  |                                                                                |
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|  | Part#: <a href="#">CDPH28D11FNP-1R0NC</a><br>Description: FIXED IND 1UH 1.83A 62 MOHM SMD  | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH28D11FHF-3R3MC</a><br>Description: FIXED IND 3.3UH 1.42A 128 MOHM   | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH28D11FNP-4R7MC</a><br>Description: FIXED IND 4.7UH 1.18A 184 MOHM   | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CDP68HC68T1EZ</a><br>Description: IC RTC CLK/CALENDAR SPI 16-DIP        | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDP68HC68T1E</a><br>Description: IC RTC CLK/CALENDAR SPI 16-DIP         | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDP68HC68T1M96</a><br>Description: IC RTC CLK/CALENDAR SPI 20-SOIC      | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH28D11FHF-2R7MC</a><br>Description: FIXED IND 2.7UH 1.49A 116 MOHM   | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDP68HC68T1M</a><br>Description: IC RTC CLK/CALENDAR SPI 20-SOIC        | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH28D11FHF-1R0NC</a><br>Description: FIXED IND 1UH 1.83A 62 MOHM SMD  | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDP68HC68T1M296</a><br>Description: IC RTC CLK/CALENDAR SPI 20-SOIC     | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDP68HC68T1M2Z96</a><br>Description: IC RTC CLK/CALENDAR SPI 16-SOIC    | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDP68HC68T1M2</a><br>Description: IC RTC CLK/CALENDAR SPI 16-SOIC       | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDP68HC68T1M296</a><br>Description: IC RTC CLK/CALENDAR SPI 16-SOIC     | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH28D11FNP-2R2MC</a><br>Description: FIXED IND 2.2UH 1.72A 96 MOHM    | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH28D11FNP-100MC</a><br>Description: FIXED IND 10UH 760MA 408 MOHM    | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDP68HC68T1MZ</a><br>Description: IC RTC CLK/CALENDAR SPI 20-SOIC       | Manufacturers: <a href="#">Intersil</a>           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH28D11FHF-2R2MC</a><br>Description: FIXED IND 2.2UH 1.72A 96 MOHM    | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH28D11FHF-1R5NC</a><br>Description: FIXED IND 1.5UH 1.74A 86 MOHM    | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CDPH45D13FHF-100MC</a><br>Description: FIXED IND 10UH 1.1A 264 MOHM SMD | Manufacturers: <a href="#">Sumida Corporation</a> | <a href="#">RFQ</a> |

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|--------------------------------------------|----------------------------|-------------------------|----------------------|
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