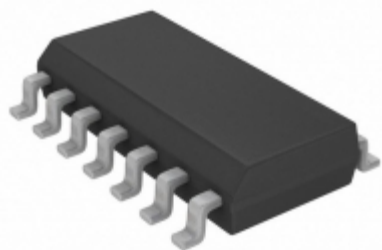


MCP795W12T-I/SL





Part Number: MCP795W12T-I/SL

Manufacturer: Micrel / Microchip Technology

Description: IC RTC CLK/CALENDAR SPI 14-SOIC

Data sheet:  MCP795(B,W)xx Errata & Datasheet Clarification

 MCP795W1X/W2X Datasheet

RoHs Status: Lead free / RoHS Compliant

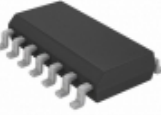
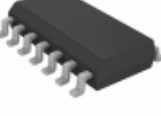
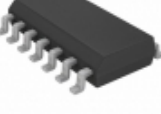
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                |                                  |                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MCP795W12T-I/SL                                                                | Manufacturer                     | Micrel / Microchip Technology                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC RTC CLK/CALENDAR SPI 14-SOIC                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 72855 pcs                                                                      | Data sheet                       | MCP795(B,W)xx Errata & Datasheet Clarification<br>MCP795W1X/W2X Datasheet     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | Integrated Circuits (ICs)                                                      | Voltage - Supply, Battery        | 1.3 V ~ 3.6 V                                                                 |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                         | 1.8 V ~ 3.6 V                                                                  | Type                             | Clock/Calendar                                                                |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                              | HH:MM:SS:hh (12/24 hr)                                                         | Supplier Device Package          | 14-SOIC                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                              | Packaging                        | Tape & Reel (TR)                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 14-SOIC (0.154", 3.90mm Width)                                                 | Operating Temperature            | -40°C ~ 85°C                                                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                            | Surface Mount                                                                  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                 |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                              | 64B                                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                    |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                | SPI                                                                            | Features                         | Alarm, EEPROM, Leap Year, Square Wave Output, SRAM, Unique ID, Watchdog Timer |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | Real Time Clock (RTC) IC Clock/Calendar 64B SPI 14-SOIC (0.154", 3.90mm Width) |                                  |                                                                               |
| Current - Timekeeping (Max)                                                                                                                                                                                                                                                                                                                                                                                                              | 1µA @ 1.8V ~ 5.5V                                                              | Date Format                      | YY-MM-DD-dd                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                | Base Part Number                 | MCP795W12                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                         |                                              |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP795W12-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W10-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W11-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W10T-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W21-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W11T-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W21T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W21T-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W22-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W12T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W20T-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W12-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W20-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W20-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W11-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W10T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795W20T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP795W21-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC   | Manufacturers: Micrel / Microchip Technology | RFQ |

|                                               |                                      |                                        |                       |
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| Related keywords for MCP795W12T-I/SL          |                                      |                                        |                       |
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