

MCP795B20-I/ST





Part Number: MCP795B20-I/ST

Manufacturer: Micrel / Microchip Technology

Description: IC RTC CLK/CALENDAR SPI 14-TSSOP

Data sheet:  MCP795Wxx/Bxx Preliminary

RoHs Status: Lead free / RoHS Compliant

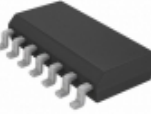
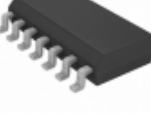
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                               |                                |                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MCP795B20-I/ST                                                                | Manufacturer                   | Micrel / Microchip Technology                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC RTC CLK/CALENDAR SPI 14-TSSOP                                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 5386 pcs                                                                      | Data sheet                     | MCP795Wxx/Bxx Preliminary                                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | Integrated Circuits (ICs)                                                     | Voltage - Supply, Battery      | 1.3 V ~ 5.5 V                                                                   |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                       | 1.8 V ~ 5.5 V                                                                 | Type                           | Clock/Calendar                                                                  |
| Time Format                                                                                                                                                                                                                                                                                                                                                                                                                            | HH:MM:SS:hh (12/24 hr)                                                        | Supplier Device Package        | 14-TSSOP                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                             | Packaging                      | Tube                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                         | 14-TSSOP (0.173", 4.40mm Width)                                               | Other Names                    | MCP795B20IST                                                                    |
| 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-TSSOP (0.173", 4.40mm Width) |
| Date Format                                                                                                                                                                                                                                                                                                                                                                                                                            | YY-MM-DD-dd                                                                   | Current - Timekeeping (Max)    | 1µA @ 1.8V ~ 5.5V                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                       | MCP795B20                                                                     |                                |                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                         |                                              |     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------|-----|
|  | Part#: MCP795B21T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795B21-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795B22-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795B20T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795B12T-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795B11T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
|  | Part#: MCP795B10T-I/ST<br>Description: IC RTC CLK/CALENDAR SPI 14-TSSOP | Manufacturers: Micrel / Microchip Technology | RFQ |
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|  | Part#: MCP795B11T-I/SL<br>Description: IC RTC CLK/CALENDAR SPI 14-SOIC  | Manufacturers: Micrel / Microchip Technology | RFQ |
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|----------------------------------------------|-------------------------------------|----------------------------------------|----------------------|
| Related keywords for MCP795B20-I/ST          |                                     |                                        |                      |
| Micrel / Microchip Technology MCP795B20-I/ST | MCP795B20-I/ST distributor          | MCP795B20-I/ST supplier                | MCP795B20-I/ST price |
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