

Image may be representation.
See specifications for product details.



23A256-I/ST

| | |
|--------------------------|--|
| Manufacturer Part Number | 23A256-I/ST |
| Manufacturer | Microchip Technology |
| Allelco Part Number | 32D-23A256-I/ST |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC SRAM 256KBIT SPI 20MHZ 8TSSOP |
| Package | 8-TSSOP (0.173", 4.40mm Width) |
| Data sheet | Cylindrical Battery Holders.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

23A256-I/ST - Microchip Technology. New Original in Stock. Download Linear Technology 23A256-I/ST datasheet/specifications on AllelcoElec.com. Request a quote for 23A256-I/ST, please send us email: info@allelco.com

Specifications

23A256-I/ST Tech Specifications

23A256-I/ST - Microchip Technology technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------------|--------------------------------|---------------------|-----------------|
| Manufacturer | Microchip Technology | Mounting Type | Surface Mount |
| Write Cycle Time - Word, Page | - | Memory Type | Volatile |
| Voltage - Supply | 1.7V ~ 1.95V | Memory Size | 256Kbit |
| Technology | SRAM | Memory Organization | 32K x 8 |
| Supplier Device Package | 8-TSSOP | Memory Interface | SPI |
| Series | - | Memory Format | SRAM |
| Package / Case | 8-TSSOP (0.173", 4.40mm Width) | Clock Frequency | 20 MHz |
| Package | Tube | Base Product Number | 23A256 |
| Operating Temperature | -40°C ~ 85°C (TA) | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology 23A256-I/ST

| Product Attribute | | | | |
|-------------------------------|--------------------------------|---------------------------------|---------------------------|-------------------------------|
| Part Number | 23A256-I/ST | AT45DB011B-XC | MT29F256G08AUCABH3-10IT:A | M95128-RMN6P |
| Manufacturer | Microchip Technology | Microchip Technology | Micron Technology Inc. | STMicroelectronics |
| Memory Organization | 32K x 8 | 264 Bytes x 512 pages | 32G x 8 | 16K x 8 |
| Series | - | - | - | - |
| Memory Type | Volatile | Non-Volatile | Non-Volatile | Non-Volatile |
| Operating Temperature | -40°C ~ 85°C (TA) | 0°C ~ 70°C (TC) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) |
| Memory Interface | SPI | SPI | Parallel | SPI |
| Memory Size | 256Kbit | 1Mbit | 256Gbit | 128Kbit |
| Clock Frequency | 20 MHz | 20 MHz | 100 MHz | 20 MHz |
| Package | Tube | Tube | Tray | Tube |
| Supplier Device Package | 8-TSSOP | 14-TSSOP | 100-LBGA (12x18) | 8-SOIC |
| Memory Format | SRAM | FLASH | FLASH | EEPROM |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Base Product Number | 23A256 | AT45DB011 | MT29F256G08 | M95128 |
| Package / Case | 8-TSSOP (0.173", 4.40mm Width) | 14-TSSOP (0.173", 4.40mm Width) | 100-LBGA | 8-SOIC (0.154", 3.90mm Width) |
| Write Cycle Time - Word, Page | - | 15ms | - | 5ms |
| Technology | SRAM | FLASH | FLASH - NAND (SLC) | EEPROM |
| Voltage - Supply | 1.7V ~ 1.95V | 2.7V ~ 3.6V | 2.7V ~ 3.6V | 1.8V ~ 5.5V |

23A256-I/ST Datasheet PDF

Download 23A256-I/ST pdf datasheets and Microchip Technology documentation for 23A256-I/ST - Microchip Technology.

Datasheets

Cylindrical Battery Holders.pdf

PCN Packaging

Label and Packing Changes 23/Sep/2015.pdf

Packing Changes 10/Oct/2016.pdf

PCN Design/Specification

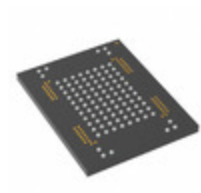
Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



AT45DB011B-XC
Microchip Technology
IC FLASH 1MBIT SPI 20MHZ
14TSSOP



MT29F256G08AUCABH3-10IT:A
Micron Technology Inc.
IC FLASH 256GBIT PAR 100LBGA



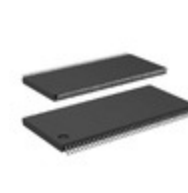
M95128-RMN6P
STMicroelectronics
IC EEPROM 128KBIT SPI 8SOIC



BR93G56FVJ-3GTE2
Rohm Semiconductor
IC EEPROM 2KBIT MICROWIRE
8TSSOP



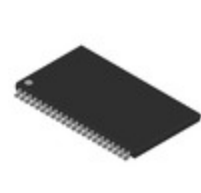
23A1024-I/ST
Microchip Technology
IC SRAM 1MBIT SPI/QUAD 8TSSOP



IS42S32200C1-6TL
ISSI, Integrated Silicon Solution
Inc
IC DRAM 64MBIT PAR 86TSOP II



23A256T-I/ST
Microchip Technology
IC SRAM 256KBIT SPI 20MHZ
8TSSOP



CY7C1020CV33-10ZCT
Cypress Semiconductor Corp
IC SRAM 512KBIT PAR 44TSOP II



CY7C037V-15AC
Infineon Technologies
IC SRAM 576KBIT PARALLEL
100TQFP



23A256-I/SN
Microchip Technology
IC SRAM 256KBIT SPI 20MHZ 8SOIC



AT25080N-10SC-2.7
Microchip Technology
IC EEPROM 8KBIT SPI 3MHZ 8SOIC



M27C64A-20F1
STMicroelectronics
IC EPROM 64KBIT PARALLEL 28CDIP



SST25WF010-40-5I-SAF-T
Microchip Technology
IC FLASH 1MBIT SPI 40MHZ 8SOIC



23AR10KLFTR
TT Electronics/BI
TRIMMER 10K OHM 0.25W J LEAD
TOP



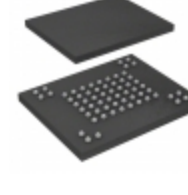
CY7C1046CV33-10VC
Cypress Semiconductor Corp
IC SRAM 4MBIT PARALLEL 32SOJ



23AR50KLFTR
TT Electronics/BI
TRIMMER 50K OHM 0.25W J LEAD
TOP



23AR5KLFTR
TT Electronics/BI
TRIMMER 5K OHM 0.25W J LEAD
TOP



MX30UF4G18AB-XKI
Macronix
IC FLASH 4GBIT PARALLEL 63VFBGA

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 |

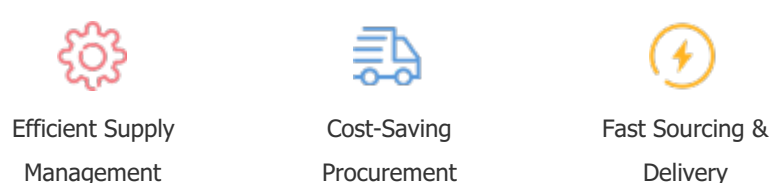
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
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