

PIC18F23K20T-I/SS





Part Number:

PIC18F23K20T-I/SS

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 8KB FLASH 28SSOP

Data sheet:

 [PIC18FxxK20 Datasheet](#)

 [PIC18F23K20,PIC18F43K20 Errata](#)

 [PIC18F\(2,4\)xK20 Programming Spec](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

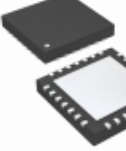
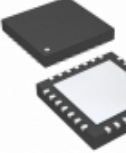
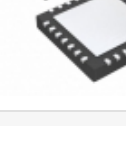
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |                                  |                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PIC18F23K20T-I/SS                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 8KB FLASH 28SSOP                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 66329 pcs                                   | Data sheet                       | <a href="#">PIC18FxxK20 Datasheet</a><br><a href="#">PIC18F23K20,PIC18F43K20 Errata</a><br><a href="#">PIC18F(2,4)xK20 Programming Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 28-SSOP                                     | Speed                            | 64MHz                                                                                                                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC® XLP™ 18K                               | RAM Size                         | 512 x 8                                                                                                                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                       | Program Memory Size              | 8KB (4K x 16)                                                                                                                               |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, HLVD, POR, PWM, WDT | Packaging                        | Tape & Reel (TR)                                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 28-SSOP (0.209", 5.30mm Width)              | Other Names                      | PIC18F23K20T-I/SSSTR                                                                                                                        |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                    | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 Weeks                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                  |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 256 x 8                                     | Detailed Description             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 8KB (4K x 16) FLASH 28-SSOP                                                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 11x10b                                  | Core Size                        | 8-Bit                                                                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC                                         | Connectivity                     | I²C, SPI, UART/USART                                                                                                                        |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC18F23K20                                 |                                  |                                                                                                                                             |
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