



## Z32F38412ALS

|                      |                                  |
|----------------------|----------------------------------|
| Part Number:         | Z32F38412ALS                     |
| Manufacturer/Brand:  | Zilog                            |
| Product description: | IC MCU 32BIT 384KB FLASH 100LQFP |
| Datasheets:          | <a href="#">Z32F38412ALS.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant       |
| Stock Condition:     | 15596 pcs stock                  |
| Ship From:           | Hong Kong                        |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS            |

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of Z32F38412ALS

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | Z32F38412ALS  |
| MANUFACTURER                     | Zilog   |
| DESCRIPTION                      | IC MCU 32BIT 384KB FLASH 100LQFP  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 15596 pcs   |
| DATA SHEET                       | <a href="#">Z32F38412ALS.pdf</a>  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V   |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)  |
| SPEED                            | 80MHz   |
| SERIES                           | ZNEO32!   |
| RAM SIZE                         | 16K x 8   |
| PROGRAM MEMORY TYPE              | FLASH   |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)  |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT   |
| PACKAGING                        | Tray  |
| PACKAGE / CASE                   | 100-LQFP  |
| OTHER NAMES                      | 269-5004  |
| OSCILLATOR TYPE                  | Internal  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |
| NUMBER OF I/O                    | 86  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| EEPROM SIZE                      | -   |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 ZNEO32! Microcontroller IC 32-Bit 80MHz 384KB (384K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 16x12b  |
| CORE SIZE                        | 32-Bit  |
| CORE PROCESSOR                   | ARM® Cortex®-M3   |
| CONNECTIVITY                     | I <sup>2</sup> C, SPI, UART/USART   |

### Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| Zilog Z32F38412ALS         | Z32F38412ALS Distributor        | Z32F38412ALS Supplier  |
| Z32F38412ALS Price         | Z32F38412ALS Pictures           | Z32F38412ALS Image     |
| Z32F38412ALS PDF Datasheet | Z32F38412ALS Download Datasheet | Z32F38412ALS Datasheet |
| Z32F38412ALS Stock         | Buy Z32F38412ALS                | Buy Zilog Z32F38412ALS |
| Zilog Z32F38412ALS         | Zilog Supplier                  | Zilog Distributor      |
| Zilog Z32F38412ALS         |                                 |                        |

### Related Products

|  |   |
|--|---|
| <p><b>Z32AN000100ZEMG</b><br/>Manufacturers: Zilog<br/>Description: KIT DEV ENCORE 32 SERIES<br/>In stock: 5285 pcs<br/><b>RFQ</b></p>     | <p><b>Z32F12811ARS</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 17165 pcs<br/><b>RFQ</b></p> |
| <p><b>Z32F06423AEE</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 92325 pcs<br/><b>RFQ</b></p> | <p><b>Z32F1280100KITG</b><br/>Manufacturers: Zilog<br/>Description: ZNEO32 128K EVALUATION KIT<br/>In stock: 1304 pcs<br/><b>RFQ</b></p>    |
| <p><b>Z32F0640100KITG</b><br/>Manufacturers: Zilog<br/>Description: ZNEO32 64K EVALUATION KIT<br/>In stock: 1501 pcs<br/><b>RFQ</b></p>    | <p><b>Z32F12811ATS</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 13267 pcs<br/><b>RFQ</b></p> |
| <p><b>Z32F06410AKS</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 32BIT 64KB FLASH 32LQFP<br/>In stock: 24669 pcs<br/><b>RFQ</b></p> | <p><b>Z32AN000100ZABG</b><br/>Manufacturers: Zilog<br/>Description: KIT DEV ENCORE 32 SERIES<br/>In stock: 6249 pcs<br/><b>RFQ</b></p>      |
| <p><b>Z32F3840100KITG</b><br/>Manufacturers: Zilog<br/>Description: ZNEO32 384K EVALUATION KIT<br/>In stock: 1549 pcs<br/><b>RFQ</b></p>   | <p><b>Z32F06423AKE</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 32BIT 64KB FLASH 32LQFP<br/>In stock: 82102 pcs<br/><b>RFQ</b></p>  |
| <p><b>Z32F0642100KITG</b><br/>Manufacturers: Zilog<br/>Description: ZNEO32 M0 64K EVALUATION KIT<br/>In stock: 1704 pcs<br/><b>RFQ</b></p> | <p><b>Z32AN00NW200SG</b><br/>Manufacturers: Zilog<br/>Description: IC MCU 32BIT ROMLESS 256BGA<br/>In stock: 3786 pcs<br/><b>RFQ</b></p>    |