

MB95F776LNPMC1-G-UNE2



**Part Number:** MB95F776LNPMC1-G-UNE2

**Manufacturer:** Cypress Semiconductor

**Description:** IC MCU 8BIT 36KB FLASH

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                          |                                 |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | MB95F776LNPMC1-G-UNE2                                                                                    | Manufacturer                    | Cypress Semiconductor          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 8BIT 36KB FLASH                                                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 30462 pcs                                                                                                | Data sheet                      |                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | Integrated Circuits (ICs)                                                                                | Voltage - Supply (Vcc/Vdd)      | 1.8 V ~ 5.5 V                  |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                          | 16MHz                                                                                                    | Series                          | F <sup>2</sup> MC-8FX MB95770L |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                       | 1K x 8                                                                                                   | Program Memory Type             | FLASH                          |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                            | 36KB (36K x 8)                                                                                           | Peripherals                     | LCD, POR, PWM, WDT             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                    | CY95F776LNPMC1-G-UNE2                                                                                    | Oscillator Type                 | External                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                                                        | Number of I/O                   | 58                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                               | 3 (168 Hours)                                                                                            | Manufacturer Standard Lead Time | 22 Weeks                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                                                                               | EEPROM Size                     | -                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                           | F <sup>2</sup> MC-8FX F <sup>2</sup> MC-8FX MB95770L Microcontroller IC 8-Bit 16MHz 36KB (36K x 8) FLASH | Data Converters                 | A/D 8x8/10b                    |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                      | 8-Bit                                                                                                    | Core Processor                  | F <sup>2</sup> MC-8FX          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                   | PC, SIO, UART/USART                                                                                      |                                 |                                |
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|  | Part#: MB95F778ENPMC2-G-SNE2<br>Description: IC MICROCONTROLLER          | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB95F778ENPMC1-G-104SNE2<br>Description: IC MICROCONTROLLER       | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB95F778ENPMC1-G-UNE2<br>Description: IC MCU 8BIT 60KB FLASH      | Manufacturers: Cypress Semiconductor | RFQ |
|  | Part#: MB95F778EPMC1-G-UNE2<br>Description: IC MCU 8BIT FLASH 64LQFP     | Manufacturers: Cypress Semiconductor | RFQ |
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