



Sharp Microelectronics



### LH79524N0E100A0

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | LH79524N0E100A0                                                                                                       |
| Manufacturer/Brand: | Sharp Microelectronics                                                                                                |
| Product description | IC MCU 32BIT ROMLESS 208CABGA                                                                                         |
| Datasheets:         |  <a href="#">LH79524N0E100A0.pdf</a> |
| RoHs Status         | Lead free / RoHS non-compliant                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

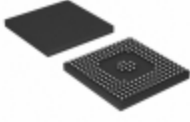
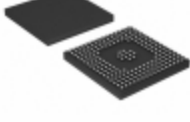
#### Specifications of LH79524N0E100A0

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | LH79524N0E100A0                                                                                                         |
| MANUFACTURER                     | Sharp Microelectronics                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT ROMLESS 208CABGA                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS non-compliant                                                                                          |
| DATA SHEET                       |  <a href="#">LH79524N0E100A0.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 208-CABGA (14x14)                                                                                                       |
| SPEED                            | 77.4MHz                                                                                                                 |
| SERIES                           | BlueStreak ; LH7                                                                                                        |
| RAM SIZE                         | 16K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | ROMless                                                                                                                 |
| PROGRAM MEMORY SIZE              | -                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT                                                                    |
| PACKAGING                        | Tray                                                                                                                    |
| PACKAGE / CASE                   | 208-LFBGA                                                                                                               |
| OTHER NAMES                      | 425-1865<br>LH79524N0E100                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                       |
| NUMBER OF I/O                    | 88                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS non-compliant                                                                                          |
| EEPROM SIZE                      | -                                                                                                                       |
| DETAILED DESCRIPTION             | ARM7® BlueStreak ; LH7 Microcontroller IC 32-Bit 77.4MHz ROMless 208-CABGA (14x14)                                      |
| DATA CONVERTERS                  | A/D 10x10b                                                                                                              |
| CORE SIZE                        | 32-Bit                                                                                                                  |
| CORE PROCESSOR                   | ARM7®                                                                                                                   |
| CONNECTIVITY                     | EBI/EMI, Ethernet, I²C, SSP, UART/USART, USB                                                                            |

#### Related Tags

|                                        |                                    |                                            |
|----------------------------------------|------------------------------------|--------------------------------------------|
| Sharp Microelectronics LH79524N0E100A0 | LH79524N0E100A0 Distributor        | LH79524N0E100A0 Supplier                   |
| LH79524N0E100A0 Price                  | LH79524N0E100A0 Pictures           | LH79524N0E100A0 Image                      |
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#### Related Products

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|  <div><b>LH79520N0Q000B1;55</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>LH79525N0Q100A0</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>LH79524N0F100A1;55</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 208LFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>LH79520N0Q000B1,55</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LH79525N0M100A0</b><br/>Manufacturers: Sharp Microelectronics<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>             |  <div><b>LH79525N0Q100A1,55</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LH79524N0F100A1,55</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 208LFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>LH79520N0M000B1</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>LH79520N0Q000B0</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>LH75411N0Q100C0,55</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>LH75411N0Q100C0;55</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT ROMLESS 144LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>LH79524N0F100A0</b><br/>Manufacturers: Socle Technology Corporation<br/>Description: IC MCU 32BIT ROMLESS 208CABGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |