

M0516LAN



Part Number: [M0516LAN](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC MCU 32BIT 64KB FLASH 48LQFP

Data sheet:  [M058, M0516](#)

RoHs Status: Lead free / RoHS Compliant

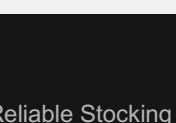
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                    |                                  |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | M0516LAN                                                                           | Manufacturer                     | <a href="#">Nuvoton Technology Corporation America</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MCU 32BIT 64KB FLASH 48LQFP                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4444 pcs                                                                           | Data sheet                       | <a href="#">M058, M0516</a>                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)       | 2.5 V ~ 5.5 V                                          |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 50MHz                                                                              | Series                           | NuMicro M051™                                          |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4K x 8                                                                             | Program Memory Type              | FLASH                                                  |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 64KB (64K x 8)                                                                     | Peripherals                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tray                                                                               | Package / Case                   | 48-LQFP                                                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Internal                                                                           | Operating Temperature            | -40°C ~ 85°C (TA)                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 40                                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                                         | EEPROM Size                      | 4K x 8                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ARM® Cortex®-M0 NuMicro M051™ Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH | Data Converters                  | A/D 8x12b                                              |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32-Bit                                                                             | Core Processor                   | ARM® Cortex®-M0                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EBI/EMI, I²C, IrDA, SPI, UART/USART                                                |                                  |                                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Nuvoton Technology Corporation America series electronic components. We have 4444 pieces of Nuvoton Technology Corporation America M0516LAN in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                    |                                  |                                                        |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                                       |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">M0519LD3AE</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0518SC2AE</a><br>Description: IC MCU 32BIT 36KB FLASH 64LQFP    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0518LD2AE</a><br>Description: IC MCU 32BIT 68KB FLASH 48LQFP    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0507-25-N</a><br>Description: ROUND SPACER NYLON 8MM            | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0518LC2AE</a><br>Description: IC MCU 32BIT 36KB FLASH 48LQFP    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0507-3-AL</a><br>Description: ROUND SPACER ALUMINUM 8MM         | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0516LDE</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP      | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0512-3-N</a><br>Description: ROUND SPACER NYLON 13MM            | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0510-2R5204-R</a><br>Description: CAP 200MF -20% +80% 2.5V T/H  | Manufacturers: <a href="#">Bussmann (Eaton)</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">M0506-3-SS</a><br>Description: ROUND SPACER STAINLESS STEEL 7MM  | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0516ZAN</a><br>Description: IC MCU 32BIT 64KB FLASH 33QFN       | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0507-25-AL</a><br>Description: ROUND SPACER ALUMINUM 8MM        | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0507-25-SS</a><br>Description: ROUND SPACER STAINLESS STEEL 8MM | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0519LE3AE</a><br>Description: IC MCU 32BIT 128KB FLASH 48LQFP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0506-25-AL</a><br>Description: ROUND SPACER ALUMINUM 7MM        | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0518SD2AE</a><br>Description: IC MCU 32BIT 68KB FLASH 64LQFP    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0511-3-AL</a><br>Description: ROUND SPACER ALUMINUM 12MM        | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0516ZDE</a><br>Description: IC MCU 32BIT 64KB FLASH 33QFN       | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">M0509-25-AL</a><br>Description: ROUND SPACER ALUMINUM 10MM       | Manufacturers: <a href="#">RAF</a>                                    | <div>RFQ</div> |
|  | Part#: <a href="#">M0516ZBN</a><br>Description: IC MCU 32BIT 64KB FLASH 33QFN       | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |

Related keywords for **M0516LAN**

|                                        |                                        |                             |                                           |
|----------------------------------------|----------------------------------------|-----------------------------|-------------------------------------------|
| Nuvoton Technology Corporation America | M0516LAN distributor                   | M0516LAN supplier           | M0516LAN price                            |
| M0516LAN                               | M0516LAN download datasheet            | M0516LAN datasheet          | M0516LAN stock                            |
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