

**Nuvoton Technology Corporation**

**America**

## M054LAN

Part Number:	M054LAN
Manufacturer/Brand:	Nuvoton Technology Corporation America
Product description:	IC MCU 32BIT 16KB FLASH 48LQFP
Datasheets:	<a href="#">M054LAN.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	6240 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 M054LAN**

PART NUMBER	M054LAN
MANUFACTURER	Nuvoton Technology Corporation America
DESCRIPTION	IC MCU 32BIT 16KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6240 pcs
DATA SHEET	<a href="#">M054LAN.pdf</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	16KB (16K 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	-
DETAILED DESCRIPTION	ARM® Cortex®-M0 NuMicro M051™ Microcontroller IC 32-Bit 50MHz 16KB (16K 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

### Related Tags

Nuvoton Technology Corporation America M054LAN	M054LAN Distributor	M054LAN Supplier
M054LAN Price	M054LAN Pictures	M054LAN Image
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### Related Products

<p><b>M0541-3-AL</b>                  Manufacturers: RAF                  Description: ROUND SPACER ALUMINUM 12MM                  In stock: 155291 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>	<p><b>M0546-4-AL</b>                  Manufacturers: RAF                  Description: ROUND SPACER ALUMINUM 17MM                  In stock: 151025 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>
<p><b>M0564LE4AE</b>                  Manufacturers: Nuvoton Technology Corporation America                  Description: NUMICRO M0564 SERIES-HAS 256 KB                  In stock: 33627 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>	<p><b>M0542-3-N</b>                  Manufacturers: RAF                  Description: ROUND SPACER NYLON 13MM                  In stock: 74580 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>
<p><b>M054ZDE</b>                  Manufacturers: Nuvoton Technology Corporation America                  Description: IC MCU 32BIT 16KB FLASH 33QFN                  In stock: 51772 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>	<p><b>M054ZBN</b>                  Manufacturers: Nuvoton Technology Corporation America                  Description: IC MCU 32BIT 16KB FLASH 33QFN                  In stock: 3250 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>
<p><b>M054LBN</b>                  Manufacturers: Nuvoton Technology Corporation America                  Description: IC MCU 32BIT 16KB FLASH 48LQFP                  In stock: 6332 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>	<p><b>M054ZAN</b>                  Manufacturers: Nuvoton Technology Corporation America                  Description: IC MCU 32BIT 16KB FLASH 33QFN                  In stock: 4238 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>
<p><b>M054LDE</b>                  Manufacturers: Nuvoton Technology Corporation America                  Description: IC MCU 32BIT 16KB FLASH 48LQFP                  In stock: 61183 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>	<p><b>M0542-4-SS</b>                  Manufacturers: RAF                  Description: ROUND SPACER SS 13MM                  In stock: 88962 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>
<p><b>M0539-3-SS</b>                  Manufacturers: RAF                  Description: ROUND SPACER SS 10MM                  In stock: 65379 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>	<p><b>M0541-4-N</b>                  Manufacturers: RAF                  Description: ROUND SPACER NYLON 12MM                  In stock: 71607 pcs  <a href="#" style="background-color: #ccc; padding: 2px 5px;">RFQ</a></p>