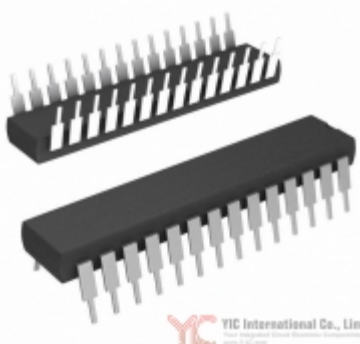






	<p><b>A000048</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">A000048</a></p>
	<p><b>Manufacturer/Brand:</b> <a href="#">Arduino.ORG</a></p>
	<p><b>Part of Description:</b> IC MCU 8BIT 32KB FLASH 28DIP</p>
	<p><b>Datasheets:</b>  <a href="#">A000048.pdf</a></p>
	<p><b>RoHS Status:</b>  Lead free / RoHS</p>
	<p><b>Stock Condition:</b> Compliant New original, Stock Available.</p>
	<p><b>Ship From:</b> Hong Kong</p>
<p>Image may be representation. See specs for product details.</p>	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>

### Specifications

Part Number	A000048
Manufacturer	Arduino.ORG
Description	IC MCU 8BIT 32KB FLASH 28DIP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Series	-
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	28-DIP (0.300", 7.62mm)
Supplier Device Package	28-DIP
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Core Processor	AVR
Speed	20MHz
Number of I/O	23
EEPROM Size	1K x 8
RAM Size	2K x 8
Core Size	8-Bit
Connectivity	I <sup>2</sup> C, SPI, UART/USART
Program Memory Size	32KB (16K x 16)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Data Converters	A/D 6x10b
Oscillator Type	Internal
Packaging	Tray

A000048 is New Original in Stock, Search A000048 Datasheets, PDF, Inventory at Y-IC.com Online, Order A000048 Arduino.ORG with warrantied and confidence. RFQ A000048 : [Info@Y-IC.com](mailto:Info@Y-IC.com)

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 <p><b>A000044</b> Arduino.ORG ARDUINO GSM SHIELD ANTENNA</p>	 <p><b>A000057</b> Arduino.ORG ARDUINO LEONARDO WITH HEADERS</p>	 <p><b>A000053</b> Arduino.ORG ARDUINO MICRO</p>	 <p><b>A000056</b> Arduino.ORG ARDUINO DUE BOARD W/O HEADERS</p>

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- |   |  |  |  |   |
|---|--|--|--|---|
|  12102C332JAT2A  |  ACE50118BM           |  ADP3522ACP-3       |  AP2318AMP-ADJTRG1 |  BQ24261YFFR       |
|  BZT52C5V6S-7    |  CGJ5L2X7R0J475K160AA |  DRV1100P           |  ESH3DHE3_A/I      |  FCM8202QY         |
|  FKCO5-24S12     |  GRM1555C1H8R5BA01D   |  HFA16PA120C        |  IMP5226CDWP/T     |  IRGI4065PBF       |
|  IXFN8260P       |  LDA10-24S05          |  LMV852MM           |  M24C16-WMN6/KKS   |  M60024-1004J      |
|  MAX6646MUA+TG05 |  MAX9272AGTM+T        |  MLF2012R101KTD07   |  PD-910635         |  PE4268-OM         |
|  PM15CEE-060     |  PMV180XN             |  PRME15138          |  PTZTE255.6A       |  QM2502M9          |
|  R9G04612XX      |  REF1112AIDBZRG4      |  SAFEA2G35FC0F0AR15 |  SBRT3M60SA-13     |  SC552559DWR2G     |
|  SIC531CD-T1-GE3 |  SIHG70N60EFEF-GE3    |  SKKT91/06E         |  SN74LVC2G34YZTR   |  STPS1545CR        |
|  TL074IDR        |  TLC27M2AIDR          |  TPS54526PWPR       |  UPA2454TL-E1-A    |  UWR-15/335-D24-C  |
|  VE-J6Y-MZ       |  VI-PF01-CUU          |  VUO100-16N07       |  XC2V250-4FGG256C  |  Z20974-Z3410-Z001 |

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