



Micrel / Microchip Technology



ATSAMHA1G14A-MBT

Part Number:	ATSAMHA1G14A-MBT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC SBC LIN MCU 16KB FLASH 48QFN
Datasheets:	 ATSAMHA1G14A-MBT.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

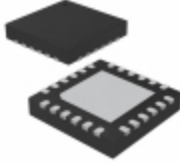
Specifications of ATSAMHA1G14A-MBT

PART NUMBER	ATSAMHA1G14A-MBT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC SBC LIN MCU 16KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAMHA1G14A-MBT.pdf
VOLTAGE - SUPPLY (VCC/VDD)	0 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	48-VQFN (7x7)
SPEED	48MHz
SERIES	Automotive, AEC-Q100, SAM HA1
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TC)
NUMBER OF I/O	32
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	512 x 8
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Automotive, AEC-Q100, SAM HA1 Microcontroller IC 32-Bit 48MHz 16KB (16K x 8) FLASH 48-VQFN (7x7)
DATA CONVERTERS	A/D 13x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus SBC, SPI, UART/USART

Related Tags

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