


MICROCHIP

Micrel / Microchip Technology


MICROCHIP

ATSAMHA0E15A-MZT-BVAO

Part Number:	ATSAMHA0E15A-MZT-BVAO
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	SAMDA0&ATA663232
Datasheets:	 ATSAMHA0E15A-MZT-BVAO.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

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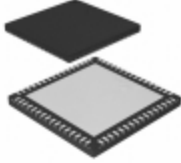
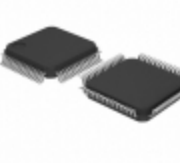
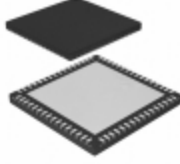
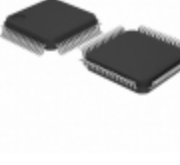
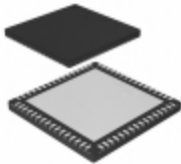
Specifications of ATSAMHA0E15A-MZT-BVAO

PART NUMBER	ATSAMHA0E15A-MZT-BVAO
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	SAMDA0&ATA663232
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 ATSAMHA0E15A-MZT-BVAO.pdf
VOLTAGE - SUPPLY (VCC/VDD)	0 V ~ 3.8 V
SPEED	48MHz
SERIES	Automotive, AEC-Q100, SAM HA0
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 115°C (TC)
NUMBER OF I/O	19
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Automotive, AEC-Q100, SAM HA0 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH
DATA CONVERTERS	A/D 6x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus SBC, SPI, UART/USART

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