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ARM MCU, SAM32 Family AT91SAM7X Series Microcontrollers, ARM7TDMI, 32bit, 55 MHz, 512 KB, 128 KB

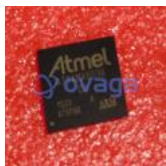|	
Manufacturers	Microchip Technology, Inc
Package/Case	LQFP-100
Product Type	Embedded Processors & Controllers
RoHS	Green
Lifecycle	

Images are for reference only

Please submit RFQ for AT91SAM7X512B-AUR or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

The Microchip'sARM-based SAM7X512 is a member of the Microchip SAM7X series of microcontrollers based on the 32-bit ARM7TDMI processor. It operates at a maximum speed of 55 MHz and features 512KB of flash and 128KB of SRAM. The 512KB of flash are split in two banks of 256KB. The peripheral set includes a USB 2.0 Full Speed device port , Ethernet MAC 10/100 port, CAN 2.0A and 2.0B compliant controller, two USART, UART, two SPI, SSC, TWI (I2C), three 16-bit timers, RTT and 8x10-bit ADC. Typical core supply is 1.8V, I/Os are supplied at 1.8V or 3.3V and are 5V tolerant. An integrated voltage regulator allows single supply at 3.3V. The SAM7X512 is supplied in 100-lead LQFP and TFBGA packages.

Related Products

ATSAMA5D36A-CU
Microchip Technology, Inc
LFBGA-324

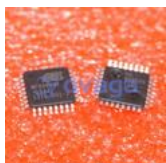### ATMEGA32M1-AU
Microchip Technology, Inc
TQFP-32

ATXMEGA128D3-AU
Microchip Technology, Inc
TQFP-64

ATTINY2313V-10SU
Microchip Technology, Inc
SOIC-20

ATMEGA64M1-15AZ
Microchip Technology, Inc
TQFP-32

ATMEGA16L-8PU
Microchip Technology, Inc
PDIP-40

ATTINY48-MU

Microchip Technology, Inc

VQFN-32

ATTINY4-TSHR

Microchip Technology, Inc

SOT-23-6

ATTINY48-MU

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ATTINY4-TSHR

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SOT-23-6