


## Low Power Advanced Security Capabilities MPU

<b>Manufacturer:</b>	<u>Microchip Technology, Inc</u>
<b>Package/Case:</b>	247-TFBGA
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

## General Description

The Microchip's ARM®-based SAM9G20 is a 400MHz ARM926-based processor with an extensive range of communication peripherals. It embeds Full Speed USB host and device interfaces, a 10/100 Ethernet MAC and an image sensor interface, as well as standard peripherals such as a multimedia card interface (MCI), I2S, USART, master/slave SPIs, 16-bit timers, TWI and four-channel 10-bit ADC. The external bus interface features controllers for SDRAM and static memories including NAND flash and CompactFlash. The SAM9G20 is pin-to-pin compatible with the SAM9260. The device is available in 217-ball LFBGA and 247-pin TFBGA packages.



## Recommended For You

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### ATmega8-16PU

Microchip Technology, Inc  
DIP

### ATmega162-16PU

Microchip Technology, Inc  
DIP40

### AT91RM9200-CJ-002

Microchip Technology, Inc  
BGA

### AT89C2051-12PU

Microchip Technology, Inc  
DIP

### ATmega8515L-8PU

Microchip Technology, Inc  
DIP

### ATtiny20-XUR

Microchip Technology, Inc  
TSSOP14

### AT89LS52-16PU

Microchip Technology, Inc  
DIP

### ATtiny12L-4SUR

Microchip Technology, Inc  
SOP8

### ATmega324PA-PU

Microchip Technology, Inc  
PDIP

### ATmega8535-16JU

Microchip Technology, Inc  
PLCC44

### ATtiny44A-PU

Microchip Technology, Inc  
DIP

### AT89C5131A-S3SUM

Microchip Technology, Inc  
PLCC52

**ATmega162V-8PU**

Microchip Technology, Inc

DIP40

**AT89C5115-SISUM**

Microchip Technology, Inc

PLCC-28

**AT91RM9200-QU-002**

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QFP208