
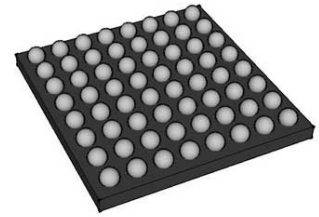


**MPU SAM9X RISC 32bit 400MHz 1.8V/2.5V/3.3V 217-Pin
LFBGA Tray**

Manufacturer:	Microchip Technology, Inc
Package/Case:	BGA
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The Microchip SMART SAM9X25 is a high-performance ARM926-based embedded microprocessor unit, running at 400MHz and featuring multiple networking/connectivity peripherals, including two 2.0A/B compatible Controller Area Network (CAN) interfaces and two IEEE Std 802.3-compatible 10/100Mbps Ethernet MACs. Additional communication interfaces include a soft modem, High Speed USB Device and Host, Full Speed USB Host, two HS SDCard/SDIO/MMC interfaces, USARTs, SPIs, I2S, multiple TWIs and 10-bit ADC. The SAM9X25 offers a multi-layer bus matrix coupled with 2 x 8 central DMA channels and dedicated DMAs for the high-speed connectivity peripherals. The external bus interface incorporates controllers for SDRAM/LPSDRAM, DDR2/LPDDR and specific circuitry for MLC/SLC NAND Flash with integrated ECC. The SAM9X25 is available in a 217-ball BGA package with 0.8mm ball pitch.

Recommended For You

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

AT91SAM9G20B-CFU

Microchip Technology, Inc
247-TFBGA

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