

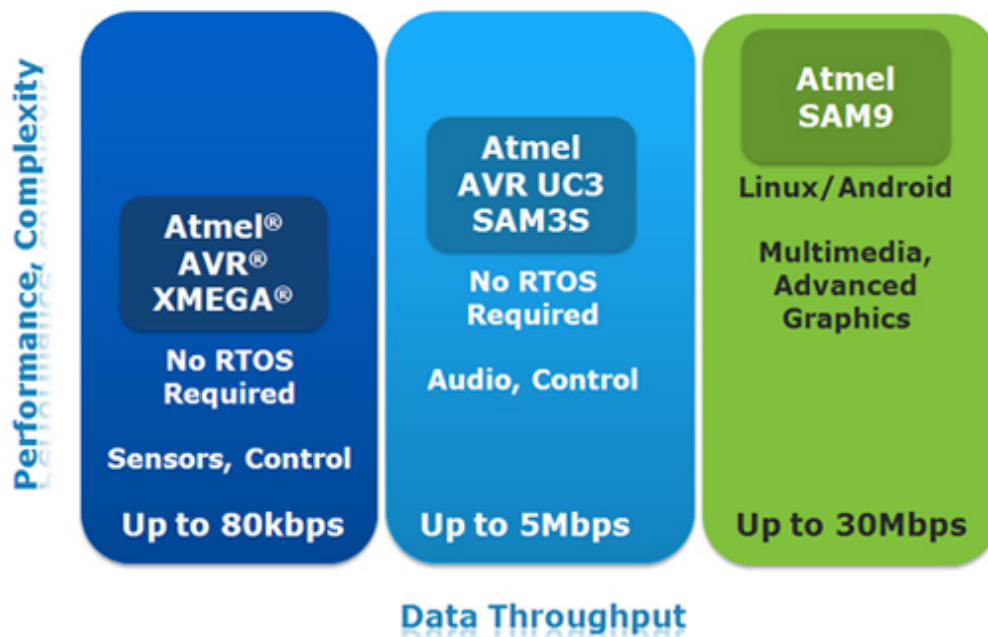
Wi-Fi



Key Features

- Support for IEEE 802.11a/b/g/n and dual-band IEEE 802.11n
- Ultra low power chipset and module options
- Out-of-box, ready-to-evaluate HW & SW for Atmel Xplained and Evaluation Kits
- Available for AVR XMEGA, AVR UC3, SAM3 and SAM9 MCUs
- Optimized software drivers for Atmel MCUs
- Free drivers for Linux and Android
- Number of code examples to get started

Selecting the right Atmel processor



Wi-Fi Solution Partners

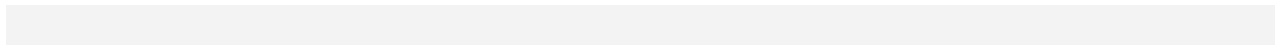
Our Wi-Fi solution partners offer a range of chipset, module and system-level solutions. They have designed several Wi-Fi add-on boards for use with Atmel evaluation boards. A complete evaluation setup will require an Atmel board and a Wi-Fi add-on board.

Company	Technology	Supported Atmel Eval Kits
H&D Wireless	IEEE 802.11b/g/n	EVK1100 EVK1101 EVK1104 EVK1105 XMEGA-A1 Xplained SAM3S-EK SAM9M10G45-EK SAMG35-EK SAM9M10-EKES SAM9RL-EK SAM9X25-EK
Redpine Signals, Inc.	IEEE 802.11a/b/g/n	XMEGA-A3BU Xplained UC3-L0 Xplained SAM3S-EK SAM9M10G45-EK SAM9G35-EK

Wi-Fi Devices

Device Family	Summary Benefit	Applications	Technologies	Key Parameters
SAM3S Cortex™ M3 Flash MCU	Simplifies PCB Design and Reduces Power Consumption	Industrial control Metering Consumer goods and toys Medical	ARM Processor QTouch Low power Data Speedway Self programming	64KB to 256KB flash 48-, 64- and 100-pin packages 64MHz Native Atmel® Qtouch® support Multiple high-speed communication peripherals
SAM9G ARM926EJ™ Embedded MPU	Highly-integrated Embedded Microprocessors Optimized for Industrial Applications	Building Automation Point-of-sale (POS) terminals Data loggers Medical equipment	ARM Processor Low power Data Speedway	240 MHz to 400MHz Multiple connectivity peripherals High bandwidth architecture Support for DDR2 and LPDDR

<u>32-bit AVR UC3</u>	The world's most efficient 32-bit microcontroller	General Purpose	picoPower®	
			SleepWalking	
			FlashVault	16-512KB Flash
			DMA	48-144 pins
			Event System	Up to 66 MHz
			Self Programming	1.5 MIPS/MHz



<u>8/16-bit AVR XMEGA</u>	Xtreme performance 8-bit	General Purpose	picoPower	
			SleepWalking	
			DMA	16-384KB Flash
			Event System	44-100 pins
			EEPROM	Up to 32 MHz
			Self Programming	1.0 MIPS/MHz

<p>FOR OTHER INFORMATION: Telephone: +65 6515 2988 Fax: +65 6515 4515</p>	<p>Email: //info@mccoy.com.sg www.mccoycomponents.com</p>
--	--