

Wi2Wi PRODUCT SELECTOR GUIDE 2008

Wi2Wi

Wireless 2 Wireless

ABOUT Wi2Wi



Company Info

Headquartered in San Jose, California, Wi2Wi specialises in providing highly integrated, small form factor, multifunction wireless sub-systems for mobile applications such as media players, smart-phones, PDAs, personal navigation devices, mobile internet devices and ultra-mobile PCs. Wi2Wi's current portfolio includes single and multifunction products with 802.11, Bluetooth and GPS sub-systems. Along with the standard products, Wi2Wi provides complete hardware and software customisation needed to integrate these products in the mobile devices. It is also working on the next generation wireless solutions for PAN (Personal Area Networks), LAN (Local Area Networks) and WAN (Wide Area Networks). As a company, Wi2Wi is committed to bringing cutting edge wireless solutions to the mobile market.



System in Package (SiP) Technology

Wi2Wi Inc.'s new System in Package (SiP) product solutions allow developers to take advantage of complete radio system solutions in much smaller form factors and lower cost than traditional module designs. Utilising proven IC Packaging Technologies, Wi2Wi, Inc. has developed complete radio and combo-radio solutions in scales typically reserved for ICs only.

Technology Partners

Wi2Wi partner with Avnet Memec franchised silicon device manufacturers in the productions of their SiPs solutions.



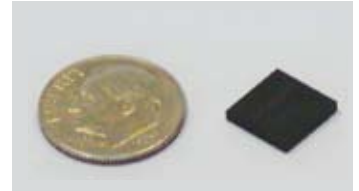
One of Wi2Wi principal offerings to its customers, is that they provide solutions, not just mere components. A key, and often understated, overhead in the integration of a wireless solution into a design, is the software implementation. Wi2Wi offer their customers Software Customisation, a major part of their service, with cost versus "level of solution" models to suit all, which can negate the customer requirement for dedicated resource or consultancy, and significantly reduce time to market. Please contact us to discuss this further.

All Wi2Wi wireless solutions come with a ready to use evaluation or demo kit, all of which are stocked by Avnet Memec.

FOCUS PRODUCTS

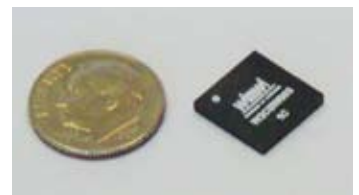
W2SW0001

The W2SW0001 System in Package (SiP) is a complete IEEE 802.11b/g radio solution. Unlike a typical module, the W2SW0001 includes all radio components, clocking and regulation for a complete WLAN radio subsystem. Integration of the W2SW0001 is a simple process of connecting our SiP to your product's interfaces, antenna port and single 3.3 V DC power supply. All necessary firmware and drivers are included.



W2CBW003

The W2CBW003 System in Package (SiP) is a complete IEEE 802.11b/g +Bluetooth™ radio solution. Unlike a typical module, the W2CBW003 includes all radio components, clocking and regulation for a complete WLAN radio subsystem. Also included in this solution is Wi2Wi's co-existence solution for simultaneous operation of Wi-Fi™ and Bluetooth™ Radios. By selecting the W2CBW003, a developer can significantly reduce their development costs and the technical risks associated with coexistence. All necessary firmware and drivers are included.



W2CBWG01/W2CBWG03

The W2CBWG01 and the W2CBWG03 are fully integrated 802.11 b/g WLAN, Bluetooth™ and GPS solutions designed specifically for ultra-mobile portable electronics. Designed to interface with the Intel McCaslin Ultra-Mobile PC Platform.



W2SG0004

The W2SG0004 is a high sensitivity, ultra-low power, SMD type 20-Channel L1 GPS receiver designed for battery powered portable devices. A complete radio receiver solution, the W2SG0004 is designed to allow quick and easy integration into standard or custom applications.



W2SG0006

The W2SG0006 is a high sensitivity, low power, SMD type 20-Channel L1 GPS receiver designed for portable applications. A complete radio receiver solution, the W2SG0006 is designed to allow quick and easy integration into standard or custom applications.



	W2CBW003	W2CBWG01	W2CBWG03	W2SG0004	W2SG0006	W2SW0001
Size	12 x 12 x 1.6 mm	30 x 26.8 x 3.3 mm	30 x 26.8 x 3.3 mm	11.2 x 12 x 2.5 mm	15.15 x 15.5 x 2.5 mm	9.5 x 9.5 x 1.4 mm
Package	SIP LGA 100 pins	1/2 mini PCI card	1/2 mini PCI card	SMD	SMD	SIP LGA 81 pins
WLAN	Marvell 88W8686	Marvell 88W8686	Marvell 88W8686	-	-	Marvell 88W8686
GPS	-	SiRFStar III	-	SiRFStar III	SiRFStar III	-
Bluetooth	CSR BC04-ROM	CSR BC04-ROM	CSR BC04-ROM	-	-	-
RoHS Compliant	Yes	Yes	Yes	Yes	Yes	Yes
V _{cc}	3.3 V	3.3 V	3.3 V	3.3 V	3.3 V	3.3 V
I/F	SDIO 1.1, UART/ USB 2.0	SDIO 1.1, USB 2.0, UART	SDIO 1.1, USB 2.0/ UART	UART	2 x UART	SDIO 1.1 / G-SPI
S/W Support	WinCE, Linux, XP, Vista	WinCE, Linux, Win XP & Vista	WinCE, Linux, Win XP & Vista	-	-	WinCE, Linux, XP, Vista

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