

# Synopsys Acquires Bluetooth Smart IP from Silicon Vision

Asset Acquisition Expands Leading DesignWare IP Portfolio with Low-Power Wireless Interface IP for IoT Applications

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## Highlights:

- Silicon-proven Bluetooth® Smart radio IP implements the Bluetooth 4.0, 4.1 and 4.2 low energy standards and supports down to one-volt operation for extended battery life
- Low-power Bluetooth Smart IP targets a range of applications such as wearables, beacons, portable health, smart home and industrial that require on-chip wireless integration
- Asset acquisition expands Synopsys' extensive DesignWare IP portfolio for IoT, consisting of logic libraries, memory compilers, NVM, data converters, interface IP, security IP, processor cores, and a sensor and control IP subsystem

Synopsys, Inc. (Nasdaq:SNPS) today announced that it has acquired the Bluetooth Smart IP from Silicon Vision, a leading provider of high-performance, ultra-low-power wireless IP solutions. The acquisition expands Synopsys' extensive portfolio of [DesignWare® IP](#) for the Internet of Things (IoT), which includes security IP recently obtained through the acquisition of Elliptic Technologies, as well as logic libraries, memory compilers, non-volatile memory, data converters, interface IP, power-efficient ARC® processors, a sensor and control IP subsystem, and an embedded vision processor. The addition of Bluetooth Smart IP enables Synopsys to address the growing requirements for wireless connectivity in low-power system-on-chips (SoCs) for a range of IoT applications including wearables, beacons, portable health, smart home, industrial and wireless sensor networks.

The transaction is not material to Synopsys' financials. Terms are not being disclosed.

Bluetooth Smart technology is a key enabler of the Internet of Things. It allows a broad range of IoT devices to communicate wirelessly with extremely low power consumption. With Bluetooth Smart technology, developers and OEMs can easily create solutions that work with billions of Bluetooth Smart Ready products in the market. Silicon Vision's highly integrated and ultra-low power Bluetooth Smart CMOS radio IP implements the Bluetooth 4.0, 4.1 and 4.2 low energy standards and includes an integrated on-chip transceiver matching network, which reduces the cost of external components and simplifies the board design. Silicon Vision's Bluetooth Smart IP supports down to one-volt operation for extended battery life and includes a standalone encryption co-processor that supports FIPS-approved algorithms for highly secure connections. The Bluetooth Smart IP is silicon-proven and available in 180-nanometer (nm), 110-nm, and 55-nm process technologies.

"With the emergence of IoT devices, designers are faced with the additional challenges of adding wireless connectivity and security to their SoCs," said Joachim Kunkel, executive vice president and general manager of the Solutions Group at Synopsys. "Synopsys is making significant investments in both of these areas to provide designers with the hardware and software solutions required to accelerate the development of their IoT applications. As the leading provider of interface IP, we are expanding our portfolio to include the wireless interfaces that are essential for IoT designs with the acquisition of Bluetooth Smart IP from Silicon Vision."

## About Synopsys

Synopsys, Inc. (Nasdaq:SNPS) is the Silicon to Software™ partner for innovative companies developing the electronic products and software applications we rely on every day. As the world's 15th largest software company, Synopsys has a long history of being a global leader in electronic design automation (EDA) and semiconductor IP, and is also a leader in software quality and security testing with its Coverity® solutions. Whether you're a system-on-chip (SoC) designer creating advanced semiconductors, or a software developer writing applications that require the highest quality and security, Synopsys has the solutions needed to deliver innovative, high-quality, secure products. Learn more at [www.synopsys.com](http://www.synopsys.com).

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