

IXYS Corporation

Type	Public
Traded as	NASDAQ: IXYS
Industry	Semiconductor - Specialized
Founded	1983
Headquarters	Milpitas, California , U.S. Nathan Zommer Ph.D. (Chief Executive Officer , Chairman) ^[1] Uzi Sasson
Key people	(President , Chief Operating Officer , Chief Financial Officer , Chief Accounting Officer , and Sec.) (Dec 31, 2013)
Products	Power semiconductor , Integrated circuit
Revenue	\$ 317.21M (2016)
Number of employees	1010 (Dec 31, 2013)
Website	www.ixys.com

IXYS Corporation, ([NASDAQ:IXYS](#)) is an [American](#) company based in [Milpitas, California](#). IXYS focuses on power [semiconductors](#), [radio-frequency](#) (RF) power semiconductors, and digital and analog [integrated circuits](#) (ICs)^[2] In July 2013, IXYS announced the completion of acquisition for Samsung's [4-bit](#) and [8-bit](#) microcontroller line.^[3]



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History

Dr. Nathan Zommer founded IXYS Corporation in 1983 in Silicon Valley, Santa Clara, California. IXYS was originally a [fabless power semiconductor device](#) company. In 1989, IXYS provided [power MOSFETs](#) for the [General Motors EV1](#).^[4]

IXYS provided high-power [IGBTs](#) for the [KTX-II](#) high-speed train.^[5]

In 2001, the company acquired the British semiconductor manufacturer Westcode.^[6]

In December 2009, IXYS Corporation bought [Zilog](#), which is now the company's wholly owned subsidiary.^{[7][8]}

In July 2013, IXYS Corporation finished acquiring [Samsung Electronics'](#) 4- and 8-bit microcontroller business, and the 4- and 8-bit microcontrollers acquired from Samsung will be offered by Zilog, Inc.^[9]

In August 2017, IXYS Corporation was acquired by [Littelfuse Inc](#) in exchange for \$750 million in cash and stocks.^{[10][11]}

Products



Litelink CPC5621A, a phone line interface IC ([DAA](#))

IXYS Corporation's production of **power semiconductor** consists of Power [MOS](#) (metal-oxide-silicon) transistors and power bipolar. These series of products convert high voltage or current electricity to regular power. The company's production of **integrated circuits** are used for analog, mixed-signal and digital interface solutions in communication, such as solid-state relays (SSRs), line card access switch (LCAS), Litelink[™]. The **RF Power Semiconductors** convert high rates electricity for amplification or reception. In addition, IXYS provides laser diode drivers, direct copper bond (DCB).^[12]