

Elantec Semiconductor – Active Components

Elantec Semiconductor, LLC engages in the design, manufacture, and marketing of analog integrated circuits for video, optical storage, communications, and power management markets. Its products include amplifiers, drivers, faders, transceivers, and multiplexers. The company markets its products to original equipment manufacturers, such as



Globespan, Hitachi, Lucent, Lucky Goldstar, Motorola, Olympus, Philips, Ricoh, Samsung, Sanyo, Toshiba and Yamaha through its sales personnel, independent sales representatives, and distributors. It offers its products in the United States, Europe, Japan, Korea, Taiwan, and other Pacific Rim countries. The company was incorporated in 1983 as Elantec, Inc. and changed its name to Elantec Semiconductor in 1995. Elantec is headquartered in Milpitas, California. As of May 14, 2002, Elantec Semiconductor, LLC operates as a subsidiary of Intersil Corporation.

Elantec is a leading designer, manufacturer and marketer of high performance analog integrated circuits. Elantec provides specific analog solutions to manufacturers. Elantec targeted high growth markets for video, optical storage, communications and power management products. Electronic systems manufacturers in these high growth markets require analog circuits with precision, linearity, speed, power and signal amplification capabilities specific to their applications. The Silicon Valley chipmaker specializes in analog devices for equipment manufacturers. It offers more than 150 chips including amplifiers, drivers, faders, transceivers and multiplexers power everything from computer compact disc drives to high-tech telephone lines.

Analog integrated circuits monitor, regulate and control signals associated with real world phenomena, such as temperature, pressure, weight, speed, sound and electrical current. The rapid advances in digital technology and increasing demand for digital integrated circuits are driving the need for high performance analog integrated circuits that are characterized by high speed, high precision, low distortion and power efficiencies. For example, flat panel displays, CD recordable devices, optical camcorders and digital subscriber line transceivers use both digital and high performance analog circuits. The design of these high performance analog circuits requires highly skilled engineers, innovative design strategies and rigorous design methodologies.