

NXP Semiconductors

NXP is a newly independent semiconductor company (founded by Philips) with a fifty-year history of providing engineers and designers with semiconductors and software that deliver better sensory experiences for mobile communications, consumer electronics, security applications, contactless payment and connectivity, and in-car entertainment and networking. Building on its heritage in consumer research, significant R&D investment and world-class industry partners, NXP's 'vibrant media technologies' allow consumers to enjoy better sensory experiences – brilliant images, crisp clear sound and easy sharing of information in homes, cars and mobile devices.

Facts and figures

- Established: 2006 (formerly a division of Philips)
- 50+ years of experience in semiconductors
- Headquarters: Eindhoven, The Netherlands
- President & CEO: Frans van Houten
- Business Units:
 - Mobile & Personal
 - Home
 - Automotive & Identification
 - Multimarket Semiconductors
 - Emerging Businesses; including an independent software business, NXP Software
- Net sales: € 4.77 billion in 2005
- Sales by region:
 - 35% Greater China
 - 31% Rest of Asia
 - 25% Europe
 - 9% North America
- R&D: € 965.9 million in 2005 (excluding Crolles2 JV)
 - 5,300+ patent families
 - More than 24 R&D centers world-wide
- Employees: Approximately 38,000 people in more than 26 countries
- Manufacturing facilities: 10 wafer fabs and 8 test and assembly sites worldwide
- Wafer-fabrication ventures:
 - ~ 60% share in PJSC, China
 - ~ 50% share in SSMC
 - ~ 31% share in Crolles2 Alliance
 - ~ 28% share in ASMC



- Customers: 50+ direct customers accounting for approximately 70% of sales. Customers include Apple, Bosch, Dell, Ericsson, Flextronics, FoxConn, Nokia, Philips, Samsung, Siemens and Sony.
 - 30,000+ customers reached via our semiconductor distributor partners, including Arrow, Avnet, Future, SAC, WPG.

Worldwide number 1 positions in:

- 5-V CMOS logic products for the automotive industry
- Automotive In-Vehicle Networks
- Car radio Digital Signal Processors
- Contactless identification for e-passports
- Digital cordless chips
- FM radio ICs for mobile
- GSM/GPRS/EDGE system solutions
- Interface products
- Mobile speaker systems
- Near Field Communication
- PC TV chips
- RF products for CATV and satellite tuners
- RFID for electronic ticketing in public transport
- System solutions for automotive immobilizers and keyless entry/go
- TV chips
- USB

Mobile & Personal

NXP's industry-leading Nexperia mobile multimedia solutions enable everything from high-end smartphones to ultra-lowcost handsets, as well as TV-on-mobile, connectivity (Bluetooth, WLAN, UMA), gaming, MP3 audio, MPEG-4 video, digital imaging and GPS location-based services – raising the bar for mobile multimedia performance.

- #1 in complete system solutions for GSM/GPRS/EDGE handsets, with more than 200 million Nexperia cellular system solutions shipped
- #1 in speaker systems for mobile phones
- #1 in FM radio ICs for portable applications
- #1 in digital cordless ICs
- #2 in USB
- #3 in ASSPs for all wireless communications
- Technology-provider behind the world's first UMA-enabled mobile phone for voice calls and data sessions through cellular networks and Wi-Fi access points



Home

NXP's Nexperia-based Home solutions and audio/video components enable manufacturers to innovate embedded multimedia features and next-generation, connected multimedia appliances for a connected living experience – making it easier than ever to enjoy and share multimedia content in every room.

- #1 in silicon for TV, with 1 in 2 TVs worldwide using a NXP IC
- #1 in silicon for PC TV, with 4 in 10 PC TVs using our silicon tuners
- #3 in ASSPs for all consumer applications
- 1 in 2 digital terrestrial set-top boxes uses our RF front-end module
- Best-in-class video quality for TV, STB, PC TV, with best digital natural motion, EDDI, active picture control, MPEG artifact reduction

Identification

NXP's contactless technologies are designed to track inventory, improve logistics and protect people's information driven lives. Our technologies can be found in everything from Radio Frequency Identification (RFID) tags that authenticate medicines, to e-ticketing systems that cut commute times and e-passports that fight identity theft and increase border security. In particular, Near Field Communication (NFC), a technology NXP co-developed, gives instant yet completely secure access to entertainment, information and services, so your NFC-enabled mobile phone can be your wallet, entertainment centre, travel guide and house keys.

- #1 in NFC technology
- #1 in RFID solutions, with more than 1.5 billion ICs shipped
- More than 80% of the world's e-passports use our ICs
- Approximately 80% of all contactless SmartCard schemes worldwide use our MIFARE® technology for electronic ticketing in public transport, including London, Sao Paolo, and 80+ cities in China
- Chosen by leading medical industries worldwide to track medical tests and authenticate medications
- More than 80 companies are now members of the NFC Forum, which NXP co-founded with Nokia and Sony

Automotive

NXP's Nexperia-based processors for automotive offer the same incredible sights and sounds you expect at home, with seamless connectivity to your personal media player. Our in-vehicle networking technologies like FlexRay make cars more responsive and safer to drive while our RF-based car access solutions can help you put car thieves out of business.

- #1 in 5V CMOS logic products for the automotive industry



- #1 in automotive In-Vehicle Networks, with every major car maker worldwide using our ICs
- #1 in DSPs for car radios
- #1 in system solutions for automotive immobilizers and keyless entry/go
- #2 in ASSPs for all automotive applications
- 1 in 3 vehicles produced annually uses one of our sensors
- 1 in 2 vehicles uses our immobilization technology

Multimarket Semiconductors

NXP has one of the largest portfolios of multimarket semiconductors in the industry, from basic building blocks like timers and amplifiers to sophisticated ICs that improve media processing, wireless connectivity, and broadband communications. These are designed to save space, extend battery life, enable customized solutions tailored to customers' needs, and make it easy to implement last-minute changes.

- #1 in I2C
- #1 in industrial UARTs
- #1 in interface products
- #1 in RF products for CATV and satellite tuners
- 1 in 2 laptops uses our GreenChip power supply controller
- World's first ARM-based 32-bit microcontroller with 0.18- and 0.14- μm embedded Flash memory

Software

NXP Software is a fully independent company and leading provider of software solutions that improve sound, voice, and video quality in mobile handsets. It is also a member of the Nexperia partner program, so customers get direct access to their industry-leading options for Nexperia based technologies.

- #1 Independent Software Vendor for mobile multimedia software solutions
- More than 100 million devices use LifeVibes software

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STANFORD RACING TEAM

NXP Semiconductors is in the process of being established as a separate legal entity in various countries worldwide. This process will be finalized in the course of 2006.

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NXP
founded by Philips

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