

Infineon at a glance

Infineon Group ::: Infineon Technologies is the semiconductor spin-off from its parent company Siemens and was established as a public company, based in Munich, Germany in April 1999. Infineon has been listed on the stock exchanges

Business groups

Wireline Communications (COM)

Dedicated historically to traditional **voice communications**; now more focused on **data communications** for short-haul networks and the home.



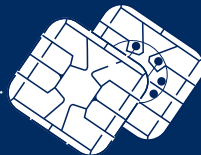
VINETIC for voice communications ::: one of the many products in the Wireline Communications portfolio

Applications

- ::: Traditional **voice communications**
- ::: Copper-based **broadband data communications**
- ::: Integrated **voice and data communications**
- ::: Home **networks**
- ::: Infrastructure for **fiber optics networks**
- ::: Infrastructure for **inner city and long-distance data networks**

Secure Mobile Solutions (SMS)

Wireless Communications and Security Cards. Focusing on mobile phones, infrastructure for mobile networks and cordless telephones. Chips for plastic cards; SIM cards in particular.

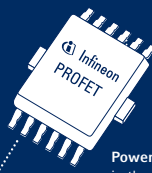


Chip card module ::: one of the many products in the Secure Mobile Solutions portfolio

- ::: **Mobile communications**
- ::: **Cordless telephones**
- ::: **Radio frequency technology** for short-, medium-, and long-range distances
- ::: Various applications for **chip-based cards** in the fields of communications (banking, SIM cards, telephone cards), payment (credit and debit cards), identification (identification cards, insurance cards), entertainment (Pay-TV), object identification (logistics), and platform security (computers, networks)

Automotive & Industrial (AI)

Chip for vehicle control system, industrial and household systems. **Chips in cars:** Transmission regulation; security; air conditioning; navigation. **Chips for industry applications:** Electric motor controls; energy transfer; trains. **Chips in the household:** Power supply units for televisions, DVD recorders and computers; lighting controls; washing machines.

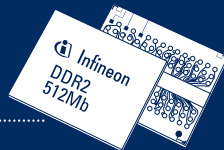


Power semiconductor ::: one of the many products in the Automotive & Industrial portfolio

- ::: **Automotive electronics:**
 - Powertrain
 - Car body and comfort electronics
 - Security
 - Infotainment
- ::: **Industry:**
 - Power supply units
 - Drive control

Memory Products (MP)

Computer memories. **Standard memories** for traditional PC, notebook, workstation and server markets. **Specialty memories** for graphics cards and for portable devices such as PDAs and mobile telephones.



512 Mbit DDR2 SDRAM, memory component ::: one of the many products in the Memory Products portfolio

- ::: **Data processing:**
 - PCs, notebooks, graphics cards, workstations, servers
- ::: **Infrastructure:**
 - Local networks, memory networks
- ::: **Mobile Applications:**
 - PDAs, smart phones
- ::: **Consumer electronics:**
 - Memory cards for MP3 players, digital cameras, USB sticks

1 Alphabetically.

in Frankfurt and New York (NYSE) since March 13, 2000 (ticker symbol: IFX). With a global presence, Infineon operates in the USA from San José, California, in the Asia/Pacific region from Singapore, and in Japan from Tokyo. With about 35,600

employees worldwide, Infineon achieved revenues of 7.19 billion euros in the 2004 financial year as compared to 6.15 billion euros in 2003.

Products	Market position	Key customers ¹	Competitors ¹
<ul style="list-style-type: none"> :: Interface components for voice communications in switching centers and terminals (CODECs, SLICs, ISDN, T/E etc.) :: Solutions for integrated voice and data communication and VoIP (VINETIC, INCA IP, etc.) :: System solutions for wireline broadband technologies (xDSL, CO/CPE) :: System solutions for DSL modems, routers, home gateways, WLAN access points, NICs, etc. :: ICs and modules (transceivers) for optical networks :: Ethernet-over-SONET/SDH multi-service framers 	<ul style="list-style-type: none"> :: No. 1 in ISDN :: No. 1 in T/E carriers :: No. 1 in analog line cards (CODECs, SLICs) :: No. 5 in overall wireline communications 	<ul style="list-style-type: none"> :: AFC :: Alcatel :: Avnet :: Cisco :: ECI :: Ericsson :: Flextronics :: Fujitsu :: Huawei :: Lucent :: Marconi :: NEC :: Nokia :: Nortel :: Siemens :: Tyco :: ZTE 	<ul style="list-style-type: none"> :: Agere :: Broadcom :: Centillium :: Conexant :: Ikanos :: Intel :: Legerity :: Marvell :: Metalink :: Mindspeed :: PMC-Sierra :: STMicroelectronics :: Texas Instruments :: Vitesse Semiconductor
<ul style="list-style-type: none"> :: Baseband and application processors for standard wireless communication standards (GSM, GPRS, E-GPRS, EDGE, W-CDMA, DECT, WDCT, Bluetooth) :: Radio frequency transceivers for standard wireless communications standards (GSM, GPRS, E-GPRS, EDGE, W-CDMA, DECT, WDCT, Bluetooth) :: One-chip solutions or modules, combining baseband processors and radio frequency transceivers into one component :: System solutions for mobile telephones, including platform design, operating software, applications :: Services for system integration and customized adaptations :: Power transistors for mobile base station amplifiers (up to 180 watts) for all 2G and 3G mobile communication standards :: Security controllers (8 Bit, 16 Bit, 32 Bit) :: Security memories :: Trusted platform modules (TPM) :: Modules for contact-based and contactless security controllers and security memories :: RFID memories 	<ul style="list-style-type: none"> :: No. 1 in mobile radio frequency transceivers :: No. 1 in chip card ICs :: One of the top two in DECT/WDCT :: No. 2 in Bluetooth :: No. 2 in power semiconductors for mobile base stations :: No. 3 in baseband and application processors for mobile communications :: No. 4 in radio frequency transceivers for mobile base stations 	<ul style="list-style-type: none"> :: Axalto :: DBTel :: Ericsson :: Gemplus :: Giesecke & Devrient :: Konka :: Nokia :: Oberthur Card Systems :: Panasonic :: Siemens :: Sony :: Sony-Ericsson 	<ul style="list-style-type: none"> :: Agere :: Atmel :: Broadcom :: Cambridge Silicon Radio :: Freescale :: Philips :: Qualcomm :: Renesas :: RF Microdevices :: Samsung :: Skyworks :: STMicroelectronics :: Texas Instruments
<ul style="list-style-type: none"> :: Microcontrollers :: Power semiconductor ICs :: Discrete power semiconductors :: Discrete small-signal semiconductors :: IGBT and bipolar modules :: Thyristors and diodes :: Sensors :: Radio frequency semiconductors 	<ul style="list-style-type: none"> :: No. 2 in automotive semiconductors (No. 1 in Europe) :: No. 2 in semiconductors in industrial drives and traction :: No. 1 in power semiconductors :: Leading in tire pressure monitoring systems 	<ul style="list-style-type: none"> :: Autoliv :: Avnet :: Bosch :: Continental Automotive Systems :: Delphi :: Denso :: Hella :: Lear :: Motorola ACES :: SAC :: Siemens :: TRW :: Visteon 	<ul style="list-style-type: none"> :: Fairchild :: Freescale :: International Rectifier :: Mitsubishi :: National Semiconductor :: ON Semiconductor :: Philips :: Renesas :: STMicroelectronics :: Toshiba
<ul style="list-style-type: none"> :: Standard DRAM memories with memory densities of between 64 Mbit and 1 Gbit :: Memory modules for PCs, notebooks, workstations and servers with memory densities of between 64 MByte and 4 GByte :: Specialty memories for graphics applications (SGRAM) :: Specialty memories for mobile devices (Mobile-RAM, CellularRAM) :: Specialty memories for network infrastructure (RLDRAM) :: Non-volatile memories (NAND-Flash) :: Flash memory cards with densities of between 64 MByte and 256 MByte in conventional SD Card and MMC formats 	<ul style="list-style-type: none"> :: No. 3 in DRAM products :: Technological leader in 300mm wafer production :: Top position for highly complex DRAM products such as specialty memories and memory modules 	<ul style="list-style-type: none"> :: Acer :: Cisco :: Dell :: Fujitsu-Siemens :: HP :: IBM :: Kingston :: Legend :: Sony :: Sun Microsystems 	<ul style="list-style-type: none"> :: ELPIDA :: Hynix :: Micron Technologies :: Powerchip :: Samsung