



亞信電子股份有限公司

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企業沿革

- 1995年 ● 公司成立，實收資本額135,000千元 (1995/5/12)
- 1998年 ● 推出PCMCIA 10/100M高速乙太網路控制晶片
- 2004年 ● 推出Non-PCI三合一高速乙太網路控制晶片
推出全球首款USB2.0轉Gigabit超高速乙太網路控制晶片
- 2006年 ● 推出全球首款Non-PCI Gigabit超高速乙太網路控制晶片
- 2008年 ● 推出雙埠Non-PCI 10/100M高速乙太網路控制晶片
- 2009年 ● 獲准登錄證券櫃檯買賣中心 (股票代碼：3169)
- 2011年 ● 榮獲經濟部中小企業處第20屆國家磐石獎
收購 MosChip的I/O Connectivity產品線
- 2012年 ● 推出全球首款高整合USB 3.0轉Gigabit超高速乙太網路控制晶片
- 2015年 ● 併購美商齊榮(Zywyn)電子股份有限公司 (UART收發器)
推出高整合USB KVM多電腦切換器單晶片
- 2018年 ● 推出大中華區首款EtherCAT從站控制晶片
- 2019年 ● 推出大中華區首款EtherCAT從站專用通訊SoC
- 2020年 ● 推出亞太地區首款4埠TSN PCIe超高速乙太網路卡解決方案

主要產品

亞信電子為一專業的工業/嵌入式網路與橋接器相關IC晶片設計廠商，主要產品為EtherCAT/工業乙太網路晶片，超高速USB乙太網路晶片，Non-PCI/SPI嵌入式乙太網路晶片，串並口I/O橋接器，RS-232/RS-485收發器，網路微控制器/USB KVM單晶片等。

企業簡介

亞信電子成立於1995年，公司設立於新竹科學工業園區，為一專業的工業/嵌入式網路與橋接器相關IC晶片設計廠商，2009年股票正式於櫃買中心掛牌交易（股票代碼：3169），2011年榮獲經濟部中小企業處第20屆國家磐石獎。本公司已榮獲ISO 9001及14001之國際品質認證，這些成就代表著我們持續堅持國際級品質保證的決心。

國際競爭力

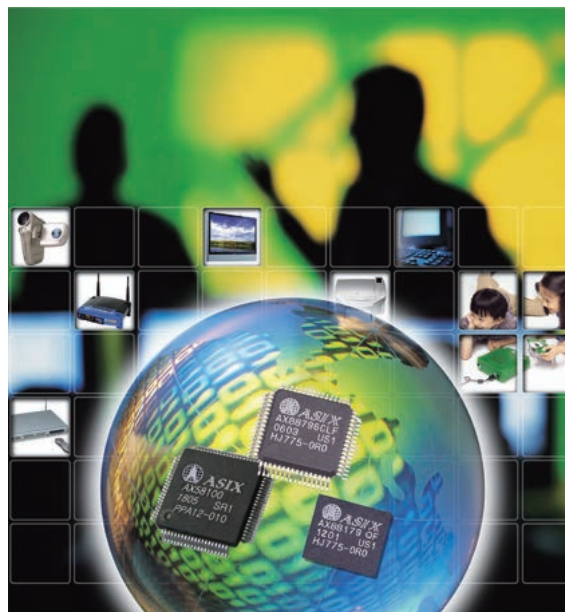
一、核心競爭力

亞信電子專注於開發各式工業/嵌入式網路與橋接器相關IC晶片解決方案。公司一貫的信念是提供客戶最符合經濟效益及市場需求的高整合度與技術創新晶片解決方案。從公司創立以來持續致力於新產品技術創新研發，讓亞信電子研發團隊具備各種工業/嵌入式網路晶片核心技術研發、豐富的硬體周邊介面技術研發與各種軟體技術研發的堅強實力與核心價值。

亞信電子主要由具備10年以上IC相關產業經驗的IC設計師及工程師所組成的堅強團隊，因而人才是本公司最重要的資產，公司研發設計團隊已於過去開發出一系列成功的產品，未來將會更積極地持續開發成功的創新產品。

二、因應市場需求提供高整合度與高性價比工業/嵌入式網路晶片解決方案

亞信電子因應市場需求陸續推出PCMCIA高速乙太網路晶片、嵌入式Non-PCI高速乙太網路控制晶片、USB超高速乙太網路控制晶片、高整合USB





ASIX Electronics Corporation

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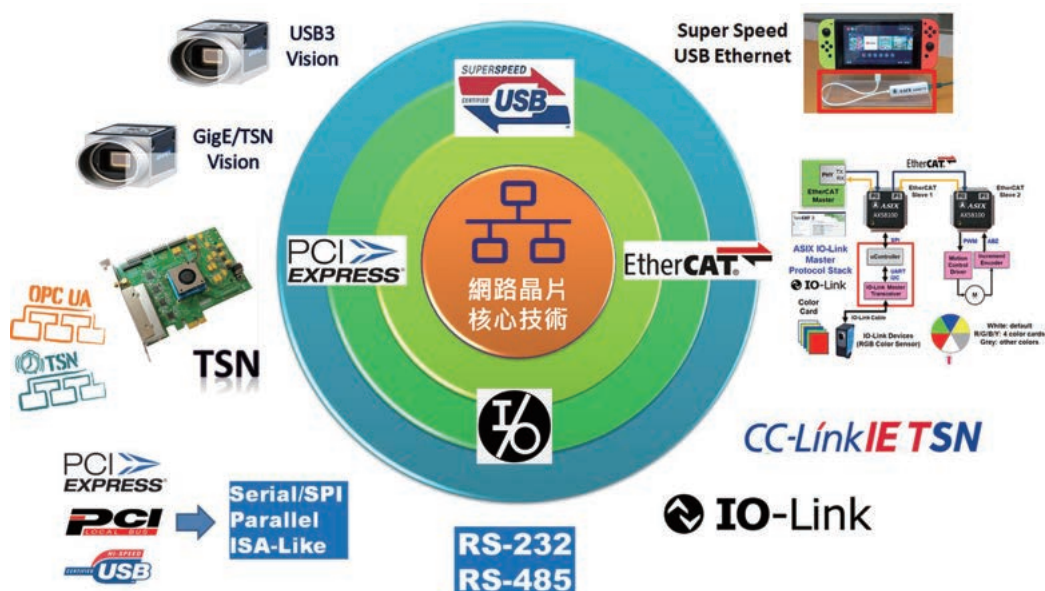
Products and Solutions

ASIX products include Industrial Ethernet ICs, SuperSpeed USB Ethernet ICs, Non-PCI/SPI Embedded Ethernet ICs, Interface ICs, RS-232/RS-485 UART Transceivers and USB KVM Switch/Wi-Fi/Ethernet SoCs.



History

- 1995 ● Company established with paid-in capital NTD \$135 million (1995/5/12)
- 1998 ● Launch 3-in-1 PCMCIA 10/100M Fast Ethernet Controller
- 2004 ● Launch Non-PCI 3-in-1 10/100M Fast Ethernet Controller
Launch the World's First USB 2.0 to Gigabit Ethernet Controller
- 2006 ● Launch the World's First Non-PCI Gigabit Ethernet Controller
- 2008 ● Launch Non-PCI 2-Port 10/100M Fast Ethernet Controller
- 2009 ● ASIX stock listed on Taiwan OTC Stock Exchange (TAIEX code 3169)
- 2011 ● Won the 21st National Award of Outstanding SMEs
Acquired MosChip's I/O Connectivity product line
- 2012 ● Launch the World's First Single-Chip USB 3.0 to Gigabit Ethernet Controller
- 2015 ● Acquired ZYWYN Corporation (UART Transceivers)
Launch Single-Chip USB KVM Switch SoC
- 2018 ● Launch the Greater China's First EtherCAT Slave Controller
- 2019 ● Launch the Greater China's First EtherCAT Slave Controller SoC
- 2020 ● Launch Quad Port TSN Gigabit Ethernet PCIe NIC Card Solution



KVM多電腦切換器單晶片、大中華區首款EtherCAT從站控制晶片等成功的產品，提供客戶最符合經濟效益的工業/嵌入式網路解決方案。20多年來在嵌入式系統網路晶片市場的辛勤耕耘，奠定亞信電子在嵌入式系統網路晶片與USB轉乙太網路晶片國際市場的領導地位，也為公司打造出連續獲利20年的優異表現。

營運管理

一、產品創新策略

亞信電子為一家「小而美，小而精」的IC設計公司，擁有關鍵的網路晶片與各種周邊介面橋接器設計技術，並專注於少量多樣高利基的產品市場。公司一貫的經營理念是設計最佳性能比和最高品質的高整合度與技術創新的晶片解決方案以服務客戶的市場需求。

公司產品創新策略為利用現有的嵌入式網路晶片、USB轉乙太網路晶片與各種周邊I/O介面橋接器技術，進一步朝工業乙太網路晶片設計技術創新研發。進而逐步達成公司的企業願景：希望憑藉著優異的晶片設計、系統軟體整合能力及廣大客戶基礎，成為卓越的工業/嵌入式網路晶片設計製造領導廠商。

二、人力資源培訓活動

公司每年不定期舉辦3~4天的Team Building團隊建立活動，藉由團隊活動（如騎腳踏車，登山等）強化員工彼此間的感情與向心力；利用晚上時間舉辦讀書會，彼此分享實際工作的經驗與讀書心得，讓員工對公司組織管理制度有更深的體會與認同感。



社會責任

一、綠能環保永續

1. 推廣辦公室無紙化相關措施
2. 推廣辦公室節能省電措施
3. 公司產品開發納入綠色設計概念持續改善(如:產品採環保無毒製程)
4. 委託合格廠商進行廢棄物回收，落實資源回收處理

二、企業社會責任-慈善與人文關懷

1. 設置亞信藝術走廊(定期更新不同畫家的作品)，支持研揚文教基金會關懷弱勢團體與推廣藝文活動的精神
2. 定期訂購公益團體商品(如喜憨兒社會福利基金會、慢飛兒庇護工場等)



綜合評語

- 一、以ASIX為自有品牌，將產品行銷至中國大陸、歐美、日本等市場，外銷市場穩健。
- 二、晶片設計能力強，可依客戶需求開發不同驅動及應用軟體，提供完整解決方案，並充分掌握工業/嵌入式系統應用特性與市場應用規格，產品領先全球地位。
- 三、重視公司與員工家屬間情感培養，長期與財團法人研揚文教基金會合作，創立藝術走廊，營造友善工作環境。



Introduction

ASIX Electronics Corporation is a leading IC design company for Industrial/Embedded networking and connectivity solutions. ASIX was founded in May 1995 in Hsinchu Science Park, Taiwan, and has been listed on Taiwan OTC Stock Exchange (TAIEX code 3169) since November 2009. ASIX has been certified as an ISO 9001 and 14001 suppliers and won the 21st National Award of Outstanding SMEs in Year 2011. This achievement represents our continuing commitment to maintain a world-class quality system.

Export Competitiveness

I. Core Competence

The main force of ASIX Electronics are in R&D team with majority of them are seasoned designers or managers. ASIX's pool of talent is the most important property of the company itself. The team has developed a series of successful products in the past, and commits to do so for the years to come. ASIX specializes in networking & interface connectivity solutions and provides Ethernet-centric and interface silicon products such as Industrial Ethernet controllers, USB



Ethernet controllers, Non-PCI/SPI embedded Ethernet controllers, Interfaces controllers, UART transceivers and microcontrollers for industrial/embedded applications.

II. Provide high-quality and cost-effective industrial/embedded networking solutions

ASIX has launched many successful and innovative products for industrial/embedded networking and connectivity solutions after company was established in Year 1995, such as PCMCIA Fast Ethernet controllers, embedded Non-PCI Fast Ethernet controllers, USB 3.0/2.0 to Gigabit/Fast Ethernet controllers, USB KVM switch SoC, EtherCAT slave controller/SoC, etc. ASIX has worked hard for more than 20 years to provide high-quality and cost-efficient solutions for industrial/embedded networking, communication and connectivity applications. ASIX is a leading IC design company for industrial/embedded networking and connectivity solutions now.

Operation Management

I. Product innovation strategy

ASIX has great R&D teams with rich Ethernet-centric controllers and various peripheral interfaces bridge design technologies. Response to the rapidly growing global smart manufacturing market demand, ASIX had launched the Greater China's First EtherCAT Slave Controller/SoC and TSN Gigabit Ethernet NIC card solutions since Year 2018. ASIX's corporate vision is to be a world-leading IC design company for industrial/embedded networking and connectivity solutions.

II. Human resources training activities

ASIX irregularly organizes a 4-day Team Building activity every year to strengthen the mutual affection and centripetal force of employees through the team activities (such as cycling, mountain climbing, etc.). Using the evening time to hold a book club to read the Organization and Management books, employees can share the practical work experiences and reading experiences each other. Employees can have a deeper understanding company's organization and management systems and have better team co-working experiences on the jobs.

Social Responsibility

I. Green energy and environment protection

- (I) Promote paperless office policy
- (II) Promote energy-saving office policy
- (III) Product development incorporates the concept of green design (e.g., using environmentally friendly and non-toxic manufacturing processes)
- (IV) Implement resource recycling and entrust qualified recycling companies to process waste recycling

II. Corporate Social Responsibility (CSR) - Humanistic Care

- (I) Setup ASIX Art Corridor in office (regularly update artworks of different artists) to support the “研揚文教基金會” spirit of caring for disadvantaged groups and promoting art and cultural activities.
- (II) Regularly order the products of public interest groups such as “喜憨兒社會福利基金會”, “慢飛兒庇護工場”, etc.