

# History of MegaChips

Since its establishment in 1990, MegaChips has used its proprietary technologies to create a series of market-leading advanced technologies and products. MegaChips will continue to create products that support our customers to solve the problems and contribute to achieving a prosperous future society.

## 1990-

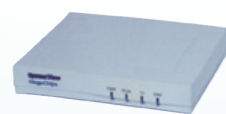
Founded as Japan's first fabless system LSI manufacturer

**Main Achievements**

- LSI for game consoles (ASIC)
- LSI for facsimile image processing (ASIC)
- LSI for wide TV window control (ASSP)
- Miniature, lightweight video transmission server (System device)



The first 7 employees in a meeting when MegaChips started



Miniature, lightweight video transmission server



LSI for wide TV window control

## 2000-

Expanded application fields by developing products that capture digitalization trends

**Main Achievements**

- JPEG2000 LSI (2004) **World's first**
- Multimedia processing LSIs for 3G cell phones (ASSP)
- LSI for single-lens reflex digital cameras (ASSP, ASIC)
- LSI for digital terrestrial broadcasting reception (ASSP)
- Network cameras (System device)
- Digital image transmission servers (System device)
- Digital video recorders (System device)
- Wireless intercom (Adapted wireless LAN in 2007) **World's first**
- JPEG XR IP (2009) **World's first**



Multimedia processing LSIs for 3G cell phones



LSI for single-lens reflex digital cameras



LSI for One-Seg



One-Seg Module



Network cameras



Digital image transmission servers

## 2013-

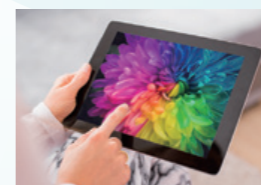
Enlarged business to Global Market

**Main Achievements**

- LSI for office equipment
- Timing controller LSI for liquid crystal panels
- Intelligent sensor hub LSI
- Full digital video recording and transmission systems
- Intellectual property core and LSI for optical communications
- Analog front-end LSI for home networking
- Analog front-end LSI for access networks
- High-speed PLC communication LSI for industrial applications



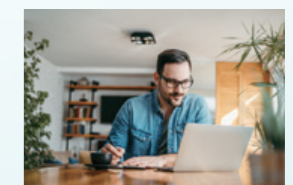
LSI for office equipment



LSIs for liquid crystal panels



LSI for industrial communications



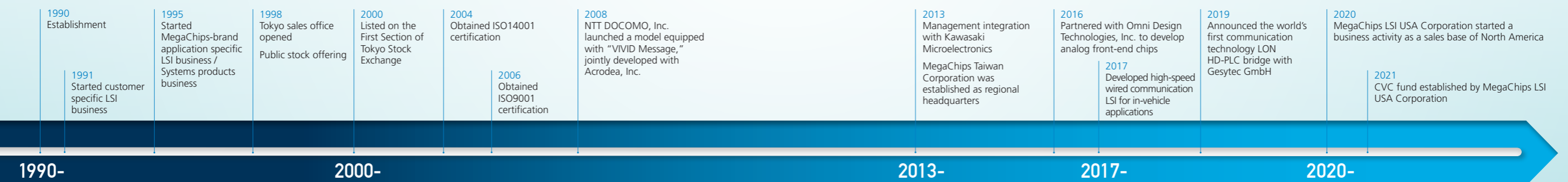
LSI for home networking

## 2017-

Focus on the in-vehicle and industrial equipment fields aiming for IoT

**Main Achievements**

- High-speed wired communication LSI for in-vehicle applications



**Global Activities**

1993 Digitalization of Japanese cell phone

1995 Release of Windows 95 / Spread of the Internet

2000 Start of broadband services

2001 Start of 3G cell phone services

2006 Start of digital TV broadcasts

2006 Obtained ISO9001 certification

2007 Release of iPhone / Increased spread of smartphones globally

2013 "Industry 4.0," German domestic organization implementation accord

2014 Start of driverless car on public road tests in U.S.

2016 Announcement of Japanese government's "Society 5.0" policy

2020 Start of commercial operations of 5G services