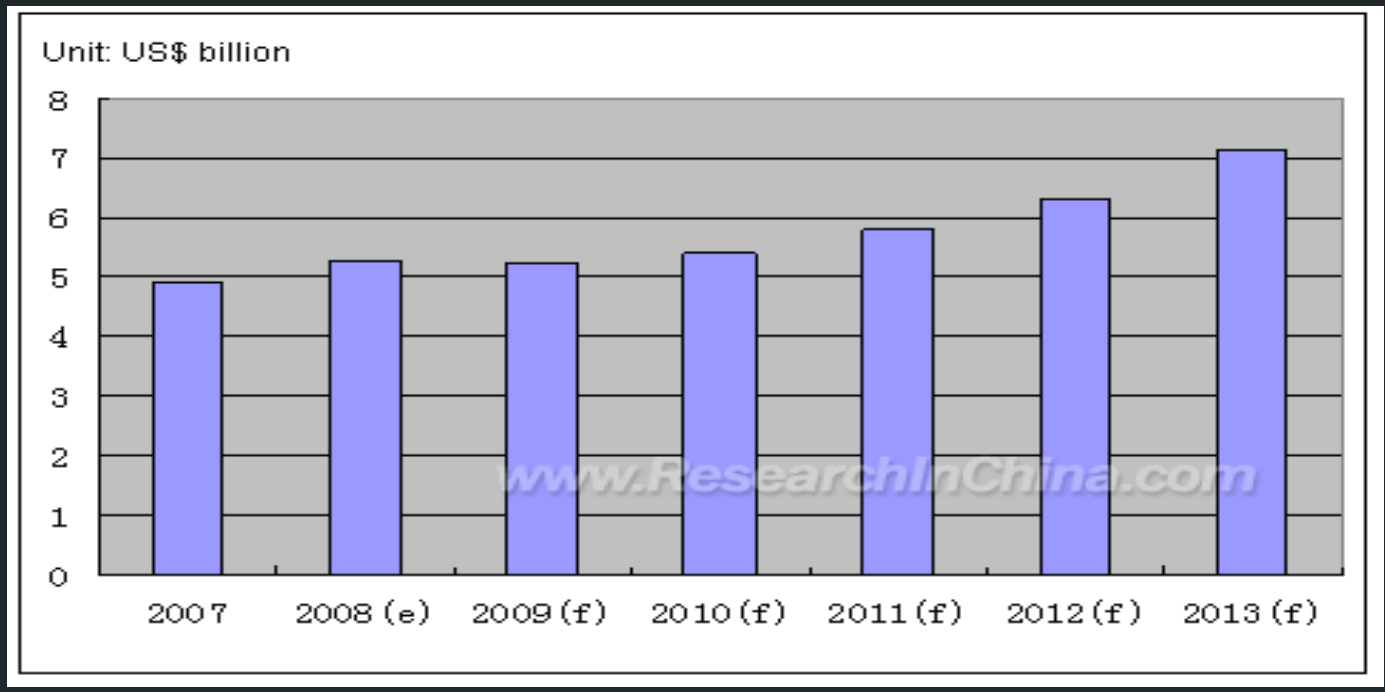
Global & China RFID Industry Report, 2008-2009

- This report described the status quo as well as the development trend of global and china RFID market, focus on the RFID applications.

- According to IDTechEx, the global RFID market achieved rapid growth in the year of 2007, and its total market value reached US$ 4.92 billion. The huge FRID application into second generation ID cards has made China become the biggest RFID market in the world. Again, according to IDTechEx, global RFID market value will reach US$ 5.29 billion in the year of 2008, up 7.5% year on year. Impacted by financial crisis, global RFID market value will decline to US$ 5.24 billion in the year of 2009.

Global RFID Market Scale, 2007-2013



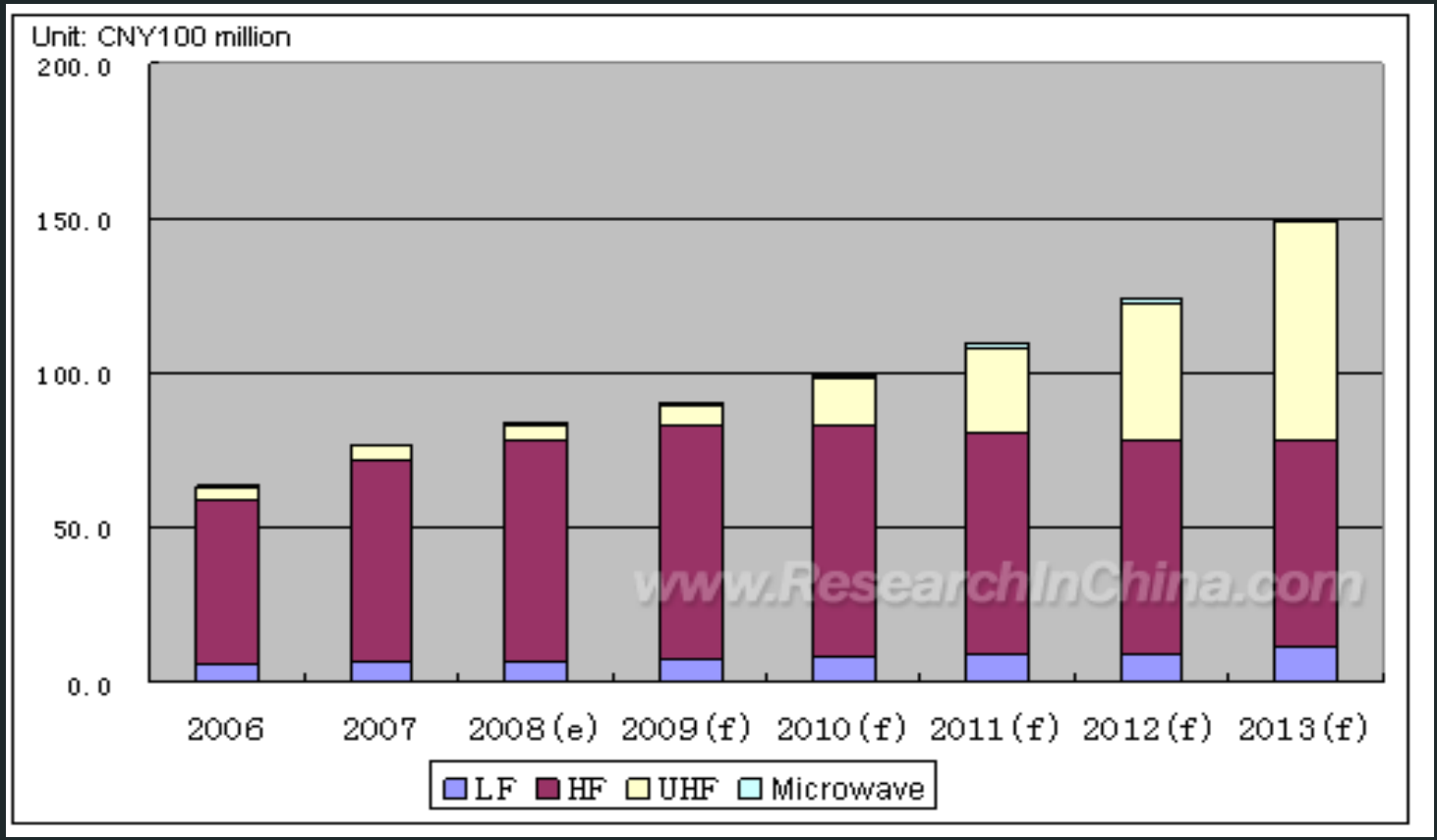
Source: ResearchInChina

- In China, along with the gradual expansion of RF chip, package, software/middleware and system integration, RFID market is developing rapidly. In the year of 2007, China's RFID market value reached CNY 7.67 billion, up 21.4% year on year.

- Influenced by the global financial crisis and sharp reduction of second generation ID card issuance, the year-on-year growth rate of China's RFID market declined to 9.1% with a total market value of CNY 8.37 billion, moreover, considering the extension of global crisis and saturation of second generation ID card market, China's RFID market growth rate in the year of 2009 will continue drop to 7.9% with a total market value about CNY 9.93 billion.

- In China, FRID has shaped mature application mode in the fields such as access control, license anti-fake and electronic payment etc. application in above fields are mainly concentrated in low-frequency and high-frequency. Large-scale application of ultrahigh- frequency is still waiting for a considerable development. However, Considering government's support over RFID, especially the ultrahigh-frequency FRID, plus the price declining of ultrahigh-frequency RFID, it is expected to be the mainstream by the year of 2013, although its overall market share was only 4.8% in the year of 2008.

China RFID Market Scale by Various Frequency, 2006-2013



Source: ResearchInChina

Table of Contents

- 1. Overview of RFID
  - 1.1 Development Courses
  - 1.2 Systemic Structure of RFID
  - 1.2.1 Tag
  - 1.2.2 Reader & Writer
  - 1.2.3 Antenna
  - 1.3 Relevant RFID Standards
  - 1.3.1 EPC global
  - 1.3.2 Japan UID
  - 1.3.3 ISO/IEC
  - 1.4 Main Applications of RFID
- 2. Global RFID Development and Forecast
  - 2.1 Global RFID Market Scale
  - 2.1.1 Status and Forecast of Global RFID Market by Frequency
  - 2.1.2 Status and Forecast of Global RFID Service Market
  - 2.1.3 Status and Forecast of Global RFID Market by Application
  - 2.1.4 Status and Forecast of Global RFID Market by Region
  - 2.2 Development of RFID Technologies
  - 2.3 RFID Project Plans
- 3. RFID Developments in China
  - 3.1 Market Scale
  - 3.1.1 Status and Forecast of China RFID Market by Frequency
  - 3.1.2 Status and Forecast of China RFID Service Market
  - 3.1.3 Status and Forecast of China RFID Market by Application
  - 3.2 Development of RFID Technologies in China
  - 3.3 RFID Project Plans in China
- 4. RFID Applications
  - 4.1 Counterfeit-Proof Domain
  - 4.2 Smart Traffic
  - 4.3 Medical Treatment
  - 4.4 Logistics and Inventory
  - 4.5 Individual Track
  - 4.6 Mobile Payment
  - 4.7 Military

- 5. Key Players in China

5.1 RFID Chip

5.1.1 TI

5.1.2 Impinj

5.1.3 ST

5.1.4 NEC

5.1.5 Infineon

5.1.6(NXP)

5.1.7 Datang

5.1.8 Shanghai Huahong

5.1.9 Shanghai Fudan

5.1.10 CEC Huada

5.2 Middleware and System Integration

5.2.1 IBM

5.2.2 Microsoft

5.2.3 BEA

5.2.4 SAP

5.2.5 ZTE

5.2.6 Beijing Vision

5.2.7 Invengo

5.2.8 KTI

5.2.9 Aerospace Golden Card

5.2.10 Xiamen Huicong

5.2.11 RFID (China) Information Technique

5.2.12 Sinogistics

5.2.13 Beijing Yongtai Promatic

5.3 Tag, Reader & Writer and Aerial

5.3.1 Arizon

5.3.2 ShangHai Super

5.3.3 Guangdong Tecsun.

5.3.4 Tsinghua Tongfang

5.3.5 TATWAH

5.3.6 Shenzhen Hyan

5.3.7 Cantechs

5.3.8 Guangzhou Best

5.3.9 Shenzhen FTRD

5.3.10 Jiangsu Raifu

5.3.11 Shanghai Shenbo

5.3.12 Fujian Newland

5.3.13 Shenzhen Sense

5.3.14 Beijing Haidali

5.3.15 Shanghai Quanray

5.3.16 ASK Tongfang

5.3.17 Shanghai Refine

5.3.18 Shanghai C&C RFID

Selected Charts

Global RFID Market Scale, 2007-2013e

Global RFID Hardware Market Scale by Frequency, 2007-2013e

Global RFID Service Market Scale by Product, 2007-2013e

Global RFID Market Scale by Region, 2008

Quantity of RFID Application Projects in Major Countries, 2008

China RFID Market Scale, 2006-2013e

China RFID Market Scale by Frequency, 2006-2013e

China RFID Market Scale by Product, 2006-2013e

Smart Traffic RFID Application in China, 2008

Medical RFID Application in China, 2007

Global Medical RFID Market, 2007

Global Pharmaceutical RFID E-tag Market Capacity, 2006-2011e

Global Medical RFID Application Development , 2006-2016e

Global Retailing RFID Application Development by Region in 2008

Supply Chain CAGR Growth of Large Retailer Worldwide

CAGR Growth of RFID POS Machine

CAGR Growth of RFID Real-time Positioning System

CAGR Growth of RFID Container Track
Industrial Chain of NTT DoCoM's Mobile Payment Business
China Mobile Payment Market Scale, 2005-2010e
China Mobile Payment Users, 2005-2010e
Structure of Future Military Logistics System
RFID Products of TI
Structure of ST's RFID Chip st19nr66
Structure of ST's RFID System
System Structure of Infineon's RFID RF Chips
Sales Revenue of Infineon, 2003-1H2008
Ticket Counterfeit-proof System Structure of Tongfang Microelectronics
Contactless Card Chip System Structure of Shanghai Huahong
Sales Revenue and Gross Profit of Shanghai Fudan, 2004-1H2008
Contactless Card Chip System Structure of CEC Huada
RFID Solutions of IBM
RFID Integration Model of IBM Based on SOA Framework
RFID Solutions and System Integration of IBM
Distribution of IBM's RFID Research Centers and Labs

Structure of IBM’s Websphere Platform
RFID System Integration Framework
System Solution of Unitech HuaYa’s Distribution Centers
Logic Structure of IBM’s RFID Development Service Platform
Filtering Projects of BEA WebLogic RFID Edge-Server
Device Management Projects of BEA WebLogic RFID Edge-Server
Performance of BEA WebLogic RFID Enterprise Server
Performance of BEA WebLogic RFID Complianse Express
RFID Solution Structure of BEA’s Container and Goods Tracking
RFID Solution Structure of BEA’s Wireless Medical Care System
Clients of BEA’s RFID Products
Partners of BEA’s RFID Products
High-end AII Structure of SAP
SAP’s RFID Solution Structure
AII 2.1 of SAP’s RFID Solution
Device Controller of SAP’s RFID Solution
Backend System of SAP’s RFID Solution
RFID Reader & Writer of Beijing Vision Electronics

RFID Sales of Shenzhen Invengo, 2007-2008

Regional RFID Sales of Shenzhen Invengo, 2007-2008

RFID Sales of Shenzhen Invengo by Product, 2007-2008

Middleware Structure of KTI

Outside View of KTI's RF Reader

Smart Door Control System Structure of Aerospace Golden Card

Sales Revenue and Net Profit of RFID Shanghai, 2005-1H2008

Library Management System Structure of RFID Shanghai

E-tag Structure of Impinj

RFID Reader & Writer Structure of Arizon Technology

The Second Generation ID Card Reader of Tongfang

Electronic Tickets System Structure

Smart and Low-frequency Reader & Writer of TATWAH

RFID Reader & Writer of Shenzhen Technology Co.

RFID Applications of Shenzhen Sense

Development Courses of RFID Technology

Component of RFID Tags

Classification of RFID Tags

Active Tag Vs Passive Tag

Structure of Reader & Writer

Component of Antenna

EPCglobal Vs UID

EPC Standard Vs Ucode

Structure of ISO18000 Standard

Typical RFID Applications

Applications of RFID by Frequency

Global RFID Tag Sales, 2007-2008

Major RFID Counterfeit-Proof Applications

Evolution of Global RFID Passport

Global Quantity of Issued FRID Passport

Evolution of Global RFID Drug Counterfeit-Proof

Evolution of other Global RFID Counterfeit-Proof Applications

RFID Ticket Counterfeit-proof Application in China

RFID Commodity Counterfeit-proof Application in China

Other RFID Counterfeit-Proof Applications in China

FRID Bus Card Application in China

RFID Highway Application in China

Development Orientation of RFID Medical

Global FRID Individual Tracking

Cities Have Launched NEC Mobile Payment in China

Global RFID Military Application

RFID Products of TI

RFID RF Chips of Infineon

Features of Tongfang's Contactless Card Chip

Sales Revenue and Net Profit of Tongfang, 2005-2008

Sales Revenue and Gross Profit of Datang

Major Contactless Chips of Shanghai Huahong

Regional Agencies of Shanghai Huahong

Contactless Chip Products of Fudan

SAP's Branches in China

RFID Solutions of KTI

Tag Performance Parameter of Xiamen Huicong

Tag Performance Parameter of Alien

Tag Performance Parameter of Impinj

Tag Performance Parameter of ShangHai Super

Contact IC Card Chips Standard of Tecsun

Inductive IC Card Chips Standard of Tecsun

Ultra-thin Contactless Smart Card Parameter of Hyan Microelectronics

Tag Parameter of Hyan

Tag Parameter of Cantechs

Card Reader Parameter of Cantechs

FRID Reader & Writer Products of Best

Performance Parameter of Raifu's RFS-1500 Handheld Reader & Writer

Performance Parameter of Raifu's RFS-1500 Handheld Reader & Writer

Performance Parameter of Raifu's Electronic Tags

Antenna Parameter of Raifu

How to Order

Product Details			How to Order
License	USD	File	By email: report@researchinchina.com
Single User License	3,000	PDF	
Enterprise Wide	4,500	PDF	By fax: 86-10-82600829
Publication Date: Feb. 09			By online: www.researchinchina.com
For more information, please contact us at report@researchinchina.com, or at ++86-10-82600828			