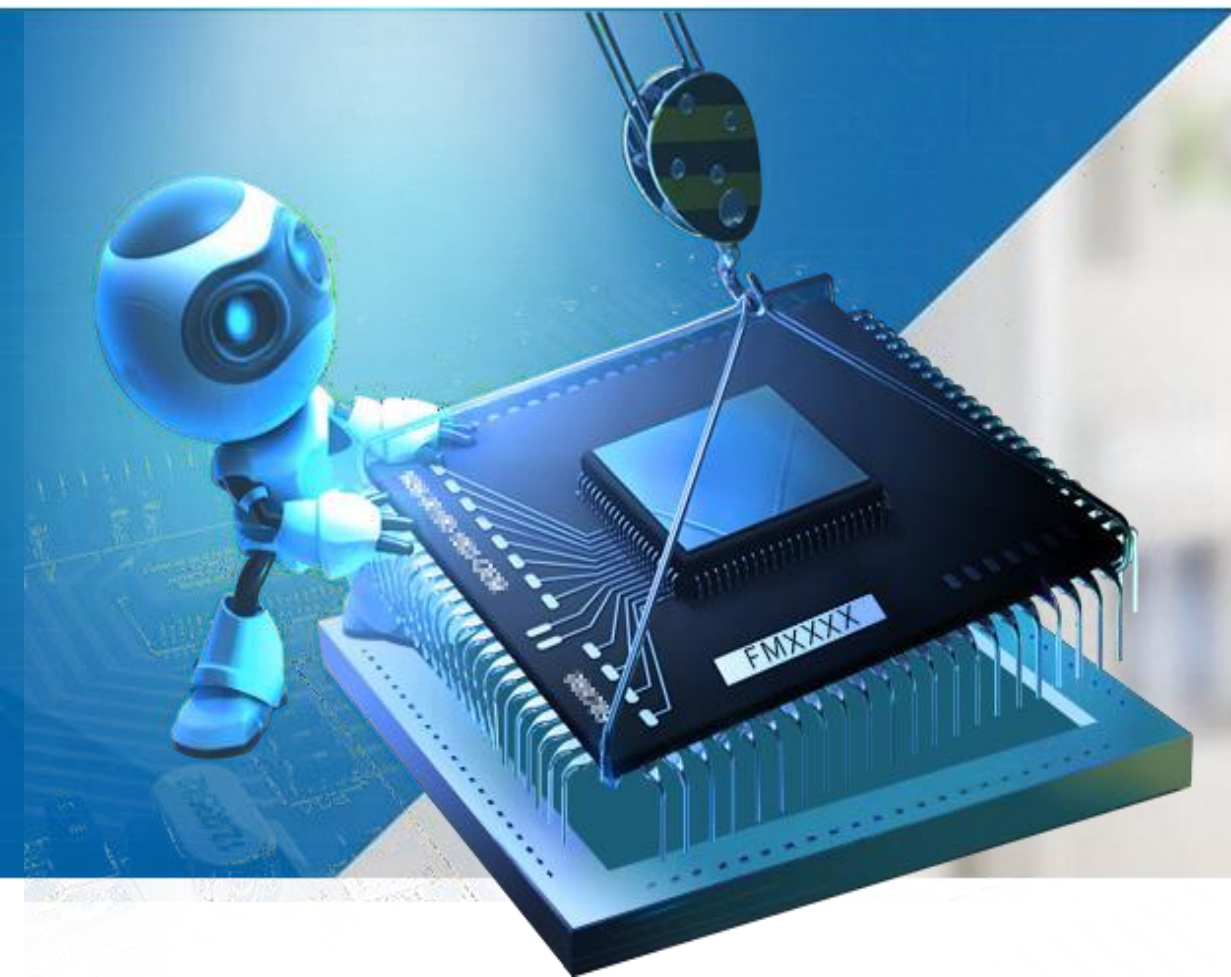




FUDAN MICROELECTRONICS GROUP



Better Chips **BETTER FUTURE**

专芯成就未来

欢迎走进复旦微电子



FUDAN
MICRO

1 / Company introduction

2 / Introduction of NVM

3 / Product introduction

4 / Advantage of NVM

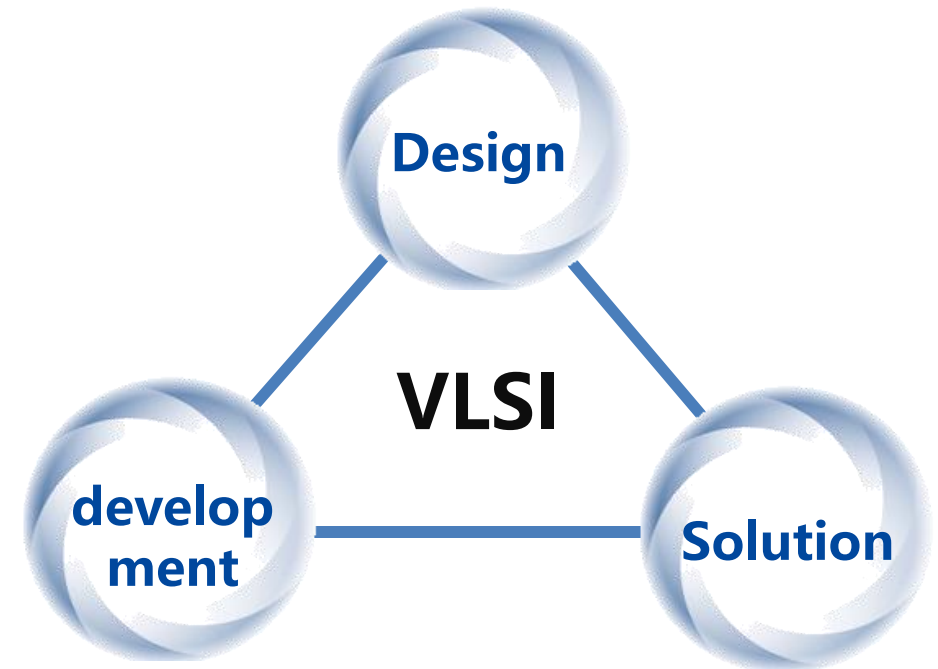
About us



复旦微电子集团
Fudan Microelectronics Group

Fudan Microelectronics Group Co., Ltd. was jointly founded by the "State Key Laboratory of application specific integrated circuits and systems" of Fudan University, Shanghai commercial investment company and a group of entrepreneurs at July 1998.

Fudan Microelectronics Group Co., Ltd. is engaged in the design, development and testing of VLSI, and provides customers with system solutions.

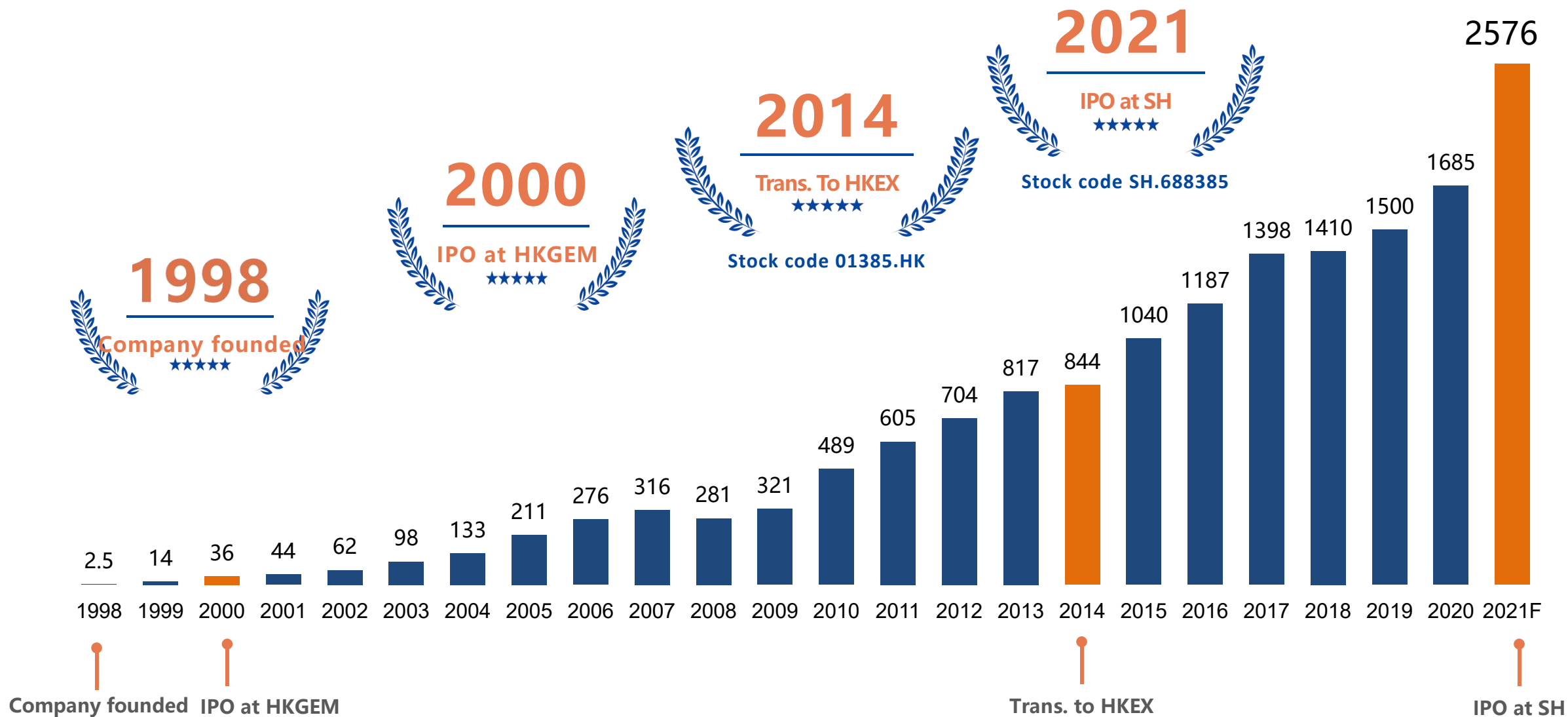


Milestone



复旦微电子集团
Fudan Microelectronics Group

sales volume (Million Y)



Company distribution



复旦微电子集团
Fudan Microelectronics Group

7+

Offices worldwide

1400+

Full time employees

Shanghai
headquarter



Hong Kong
branch



Beijing
Office



Shenzhen
office



Taiwan
Office



Singapore
Office



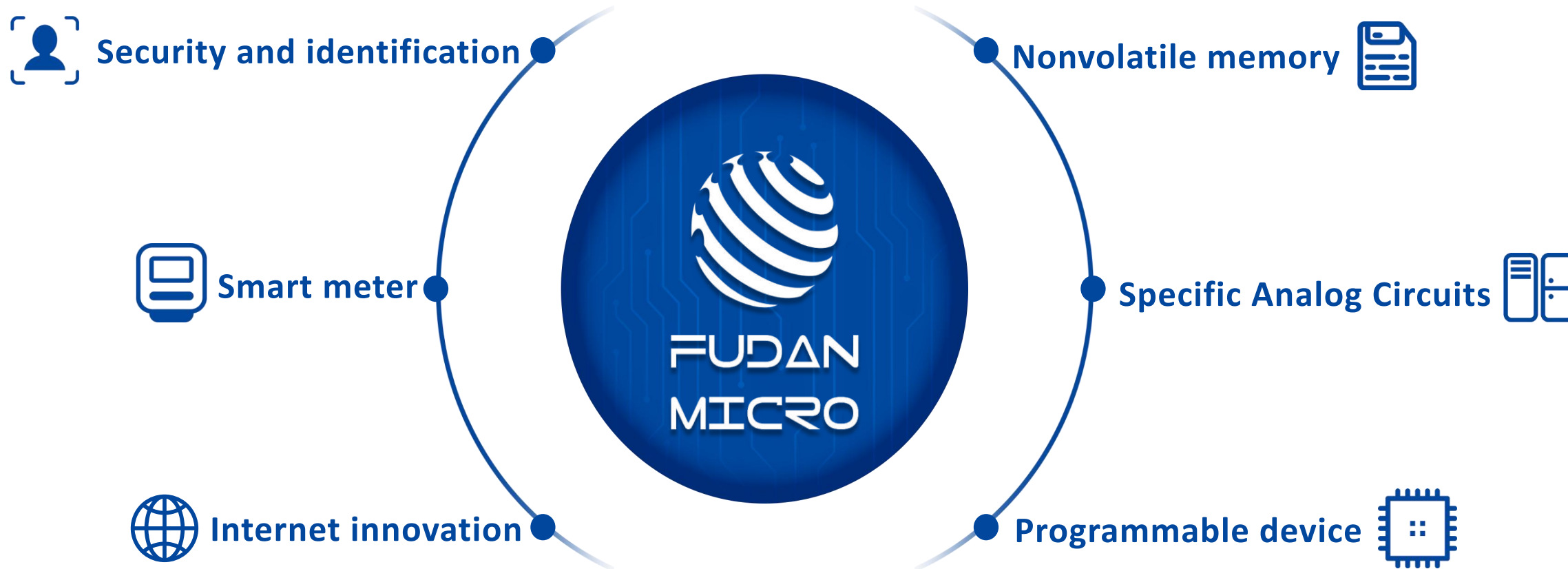
North American
Office



Group product line



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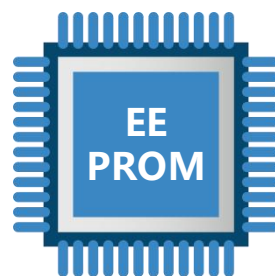


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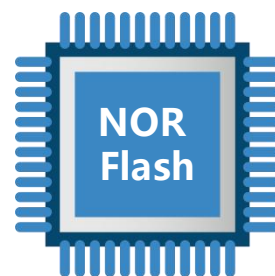
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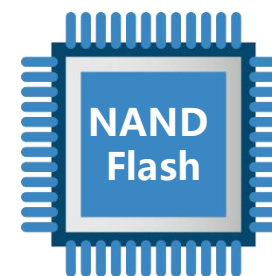
Three product lines: EEPROM, SPI NOR Flash, SPI NAND flash and Special memory.



**CCM、
TV&Monitor、
White goods、
Automotive**



**Computer board、
Intelligent speaker、
Bluetooth headset、
Surveillance、
WiFi/BT/IOT**



**PON& xDSL
Data Card 、
Automotive
Medical instruments**



Nonvolatile memory

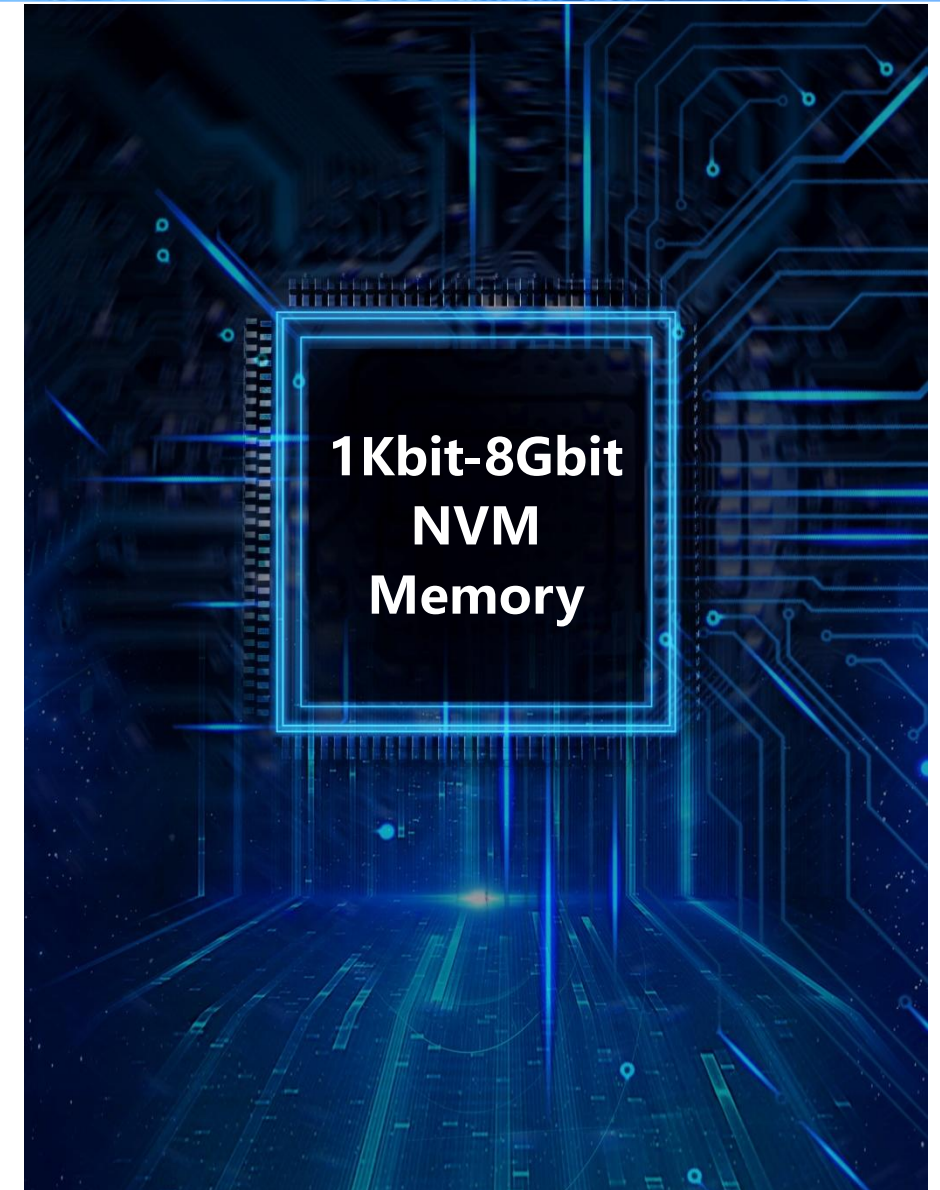


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- EEPROM: 1kbit~1024kbit
- SPI NOR Flash: 0.5Mbit~512Mbit
- SPI NAND Flash: 1Gbit~8Gbit

Product features

- Support extended temperature range and high reliable packaging
- Support Automotive Grade 2/3
- The whole line of products supports KGD sales, and SIP can customize pad positions
- Support WLCSP in ultra small package



NVM Partners



复旦微电子集团
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上海华力微电子有限公司
Shanghai Huali Microelectronics Corporation



GLOBALFOUNDRIES



PSC

力晶半導體

Powerchip Semiconductor Corp.



江苏长电科技股份有限公司

JIANGSU CHANGJIANG ELECTRONICS TECHNOLOGY CO., LTD.



华天科技

HUA TIAN



ASE GROUP

Manufacturing with High Quality



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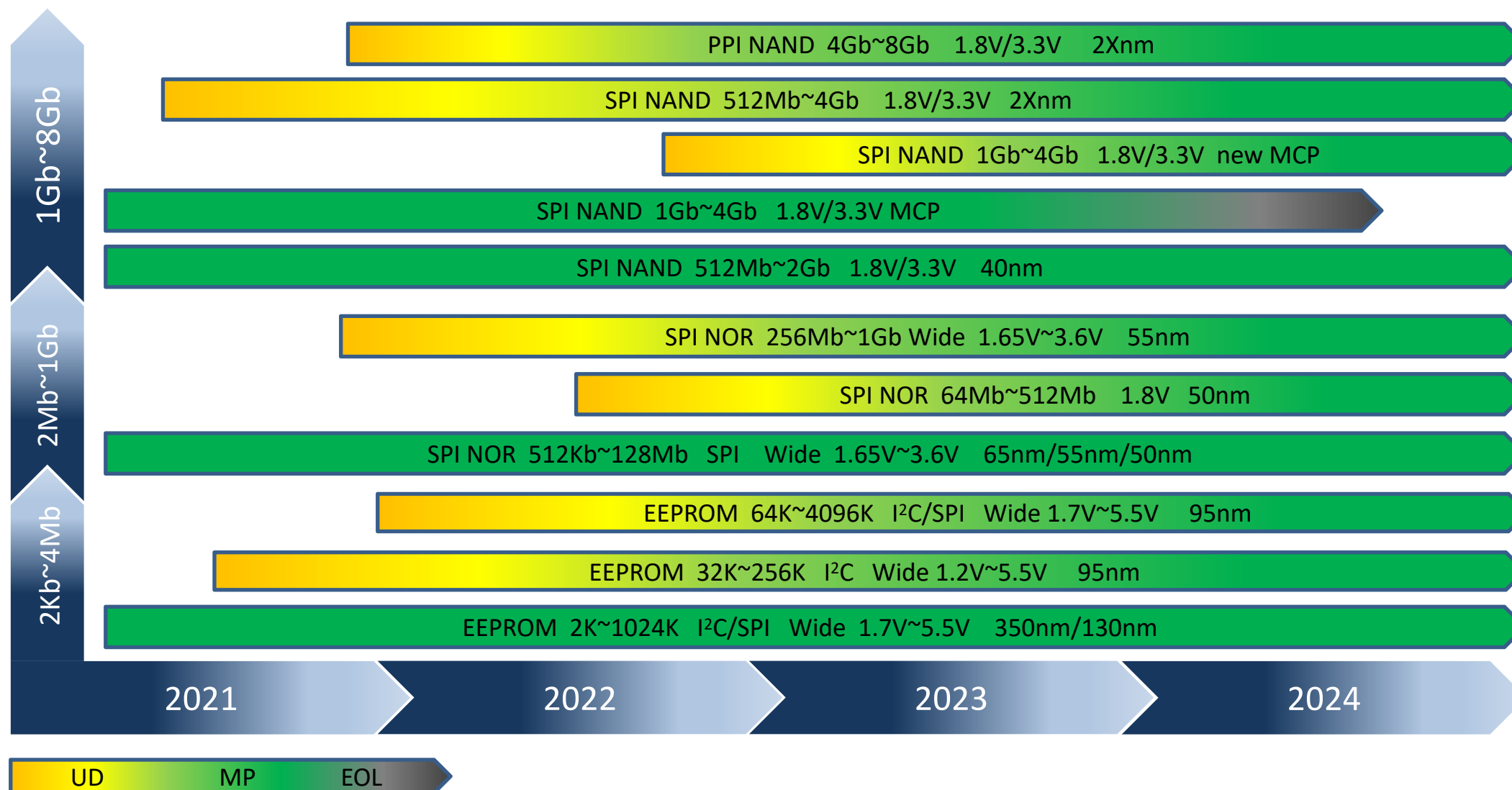
- EEPROM wafer manufactured at GF, SMIC
 - 300mm and 200mm wafer manufacturing
- NOR Flash wafer manufactured at SMIC, HLMC
 - 300mm wafer manufacturing
- NAND Flash wafer manufactured at PSC, SMIC
 - 300mm wafer manufacturing
- Assembly and Test at JCET, TSHT, TF, ASE



FM NVM Roadmap



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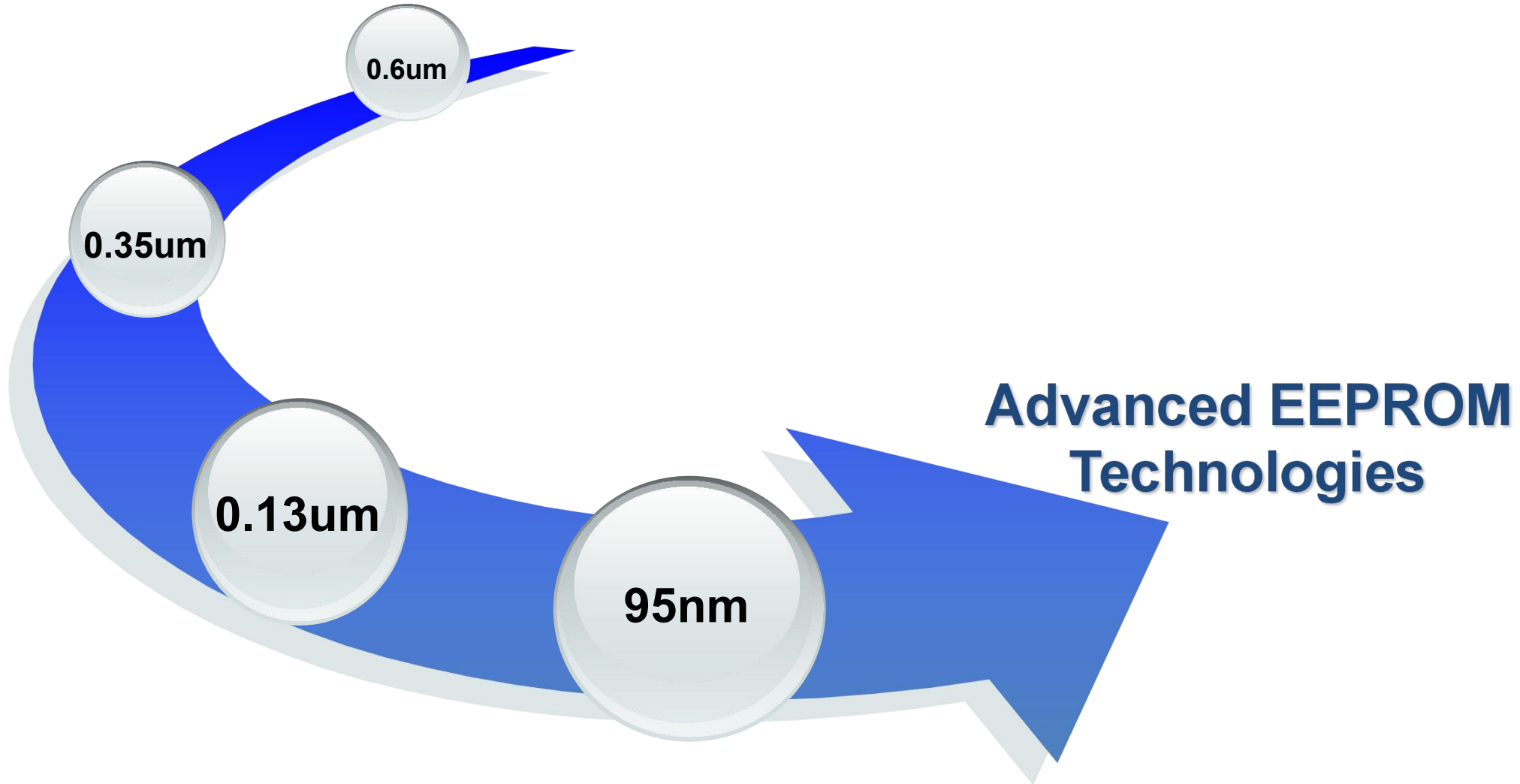
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EEPROM Technologies



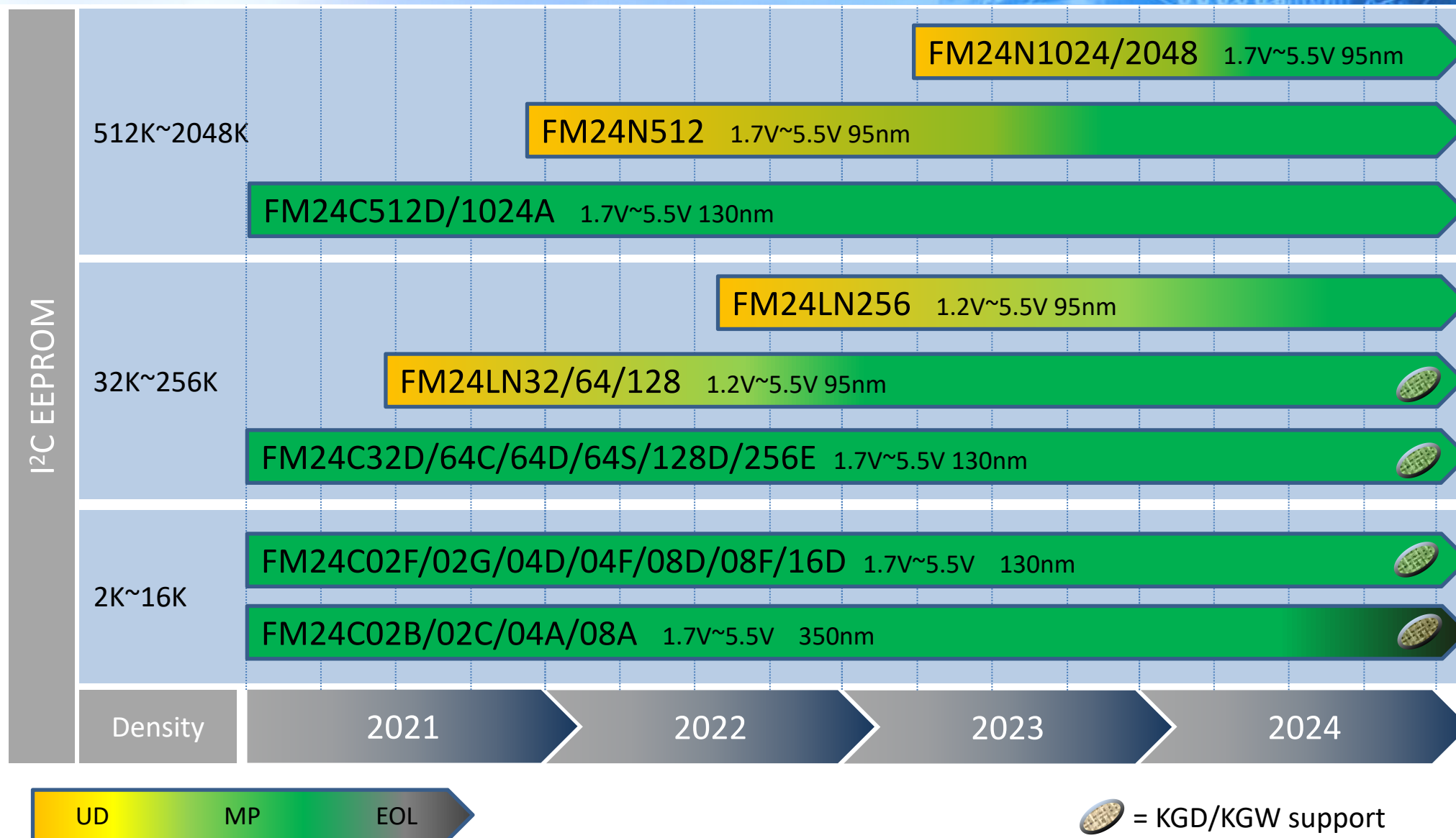
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EEPROM IIC Roadmap



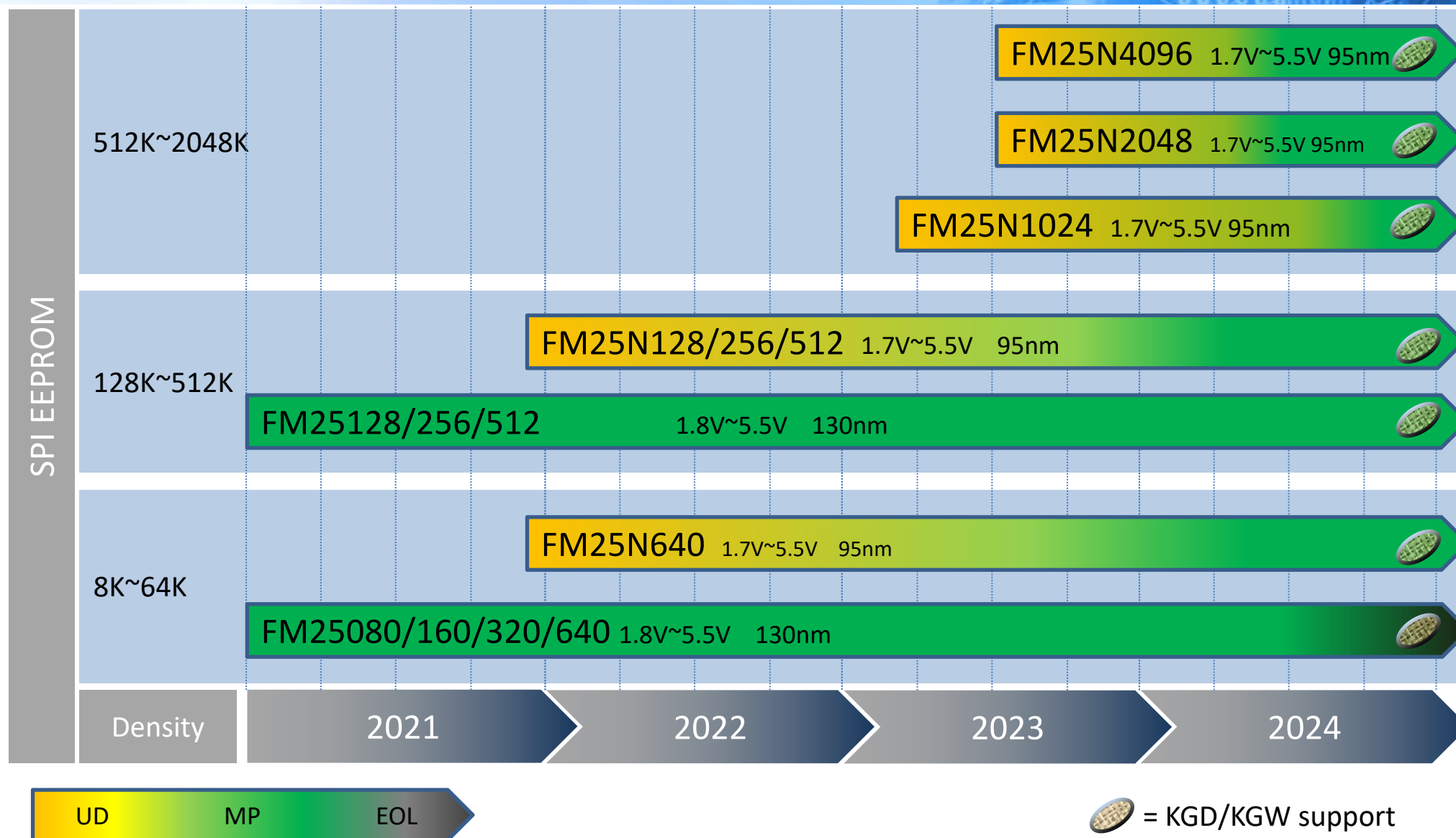
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EEPROM SPI Roadmap



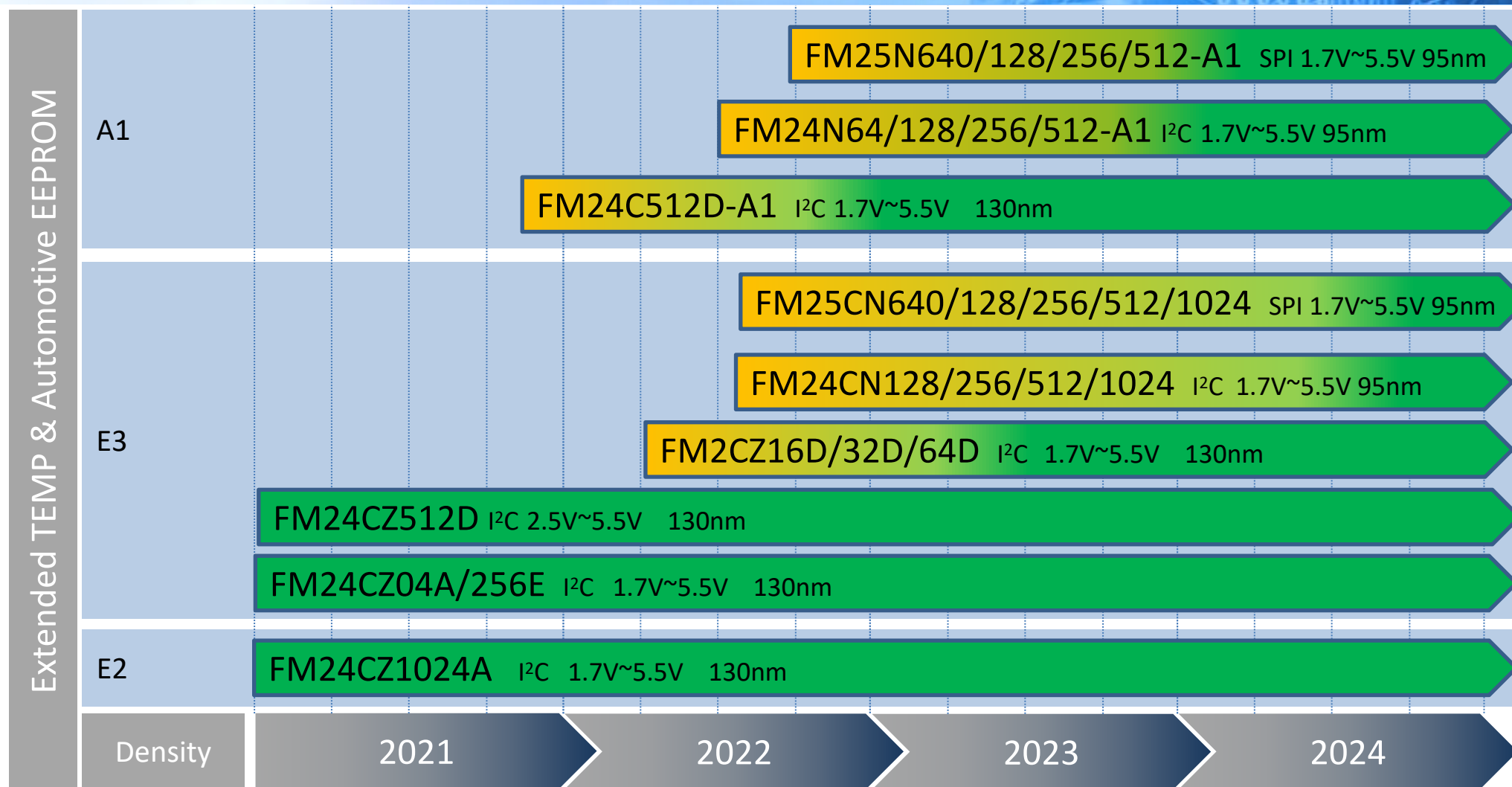
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EEPROM Ext&Automotive Roadmap



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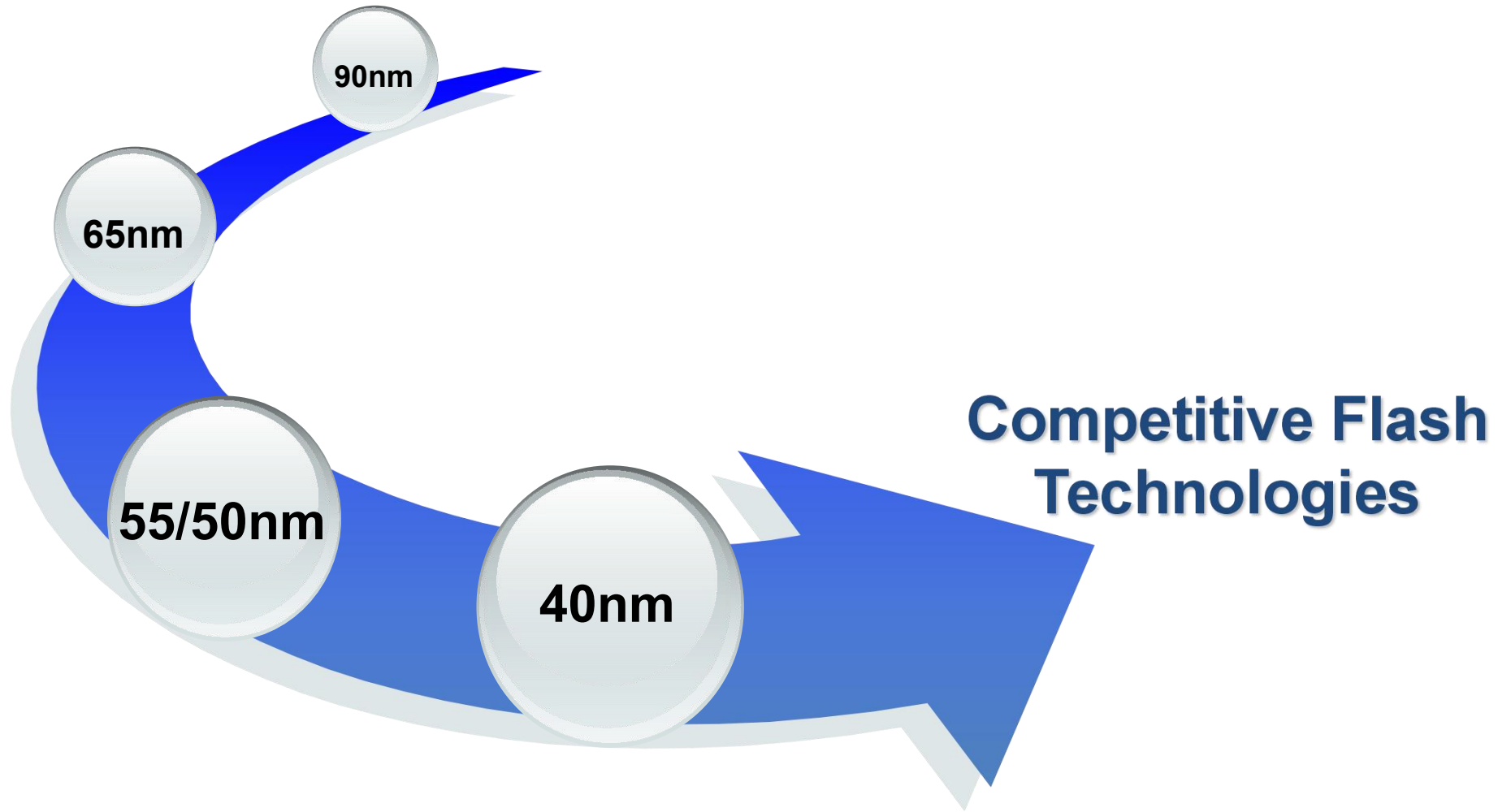


E2= -40 °C ~+85°C
E3= -40 °C ~+125°C
A1= -40 °C ~+125°C (Automotive G1)

NOR Flash Technologies



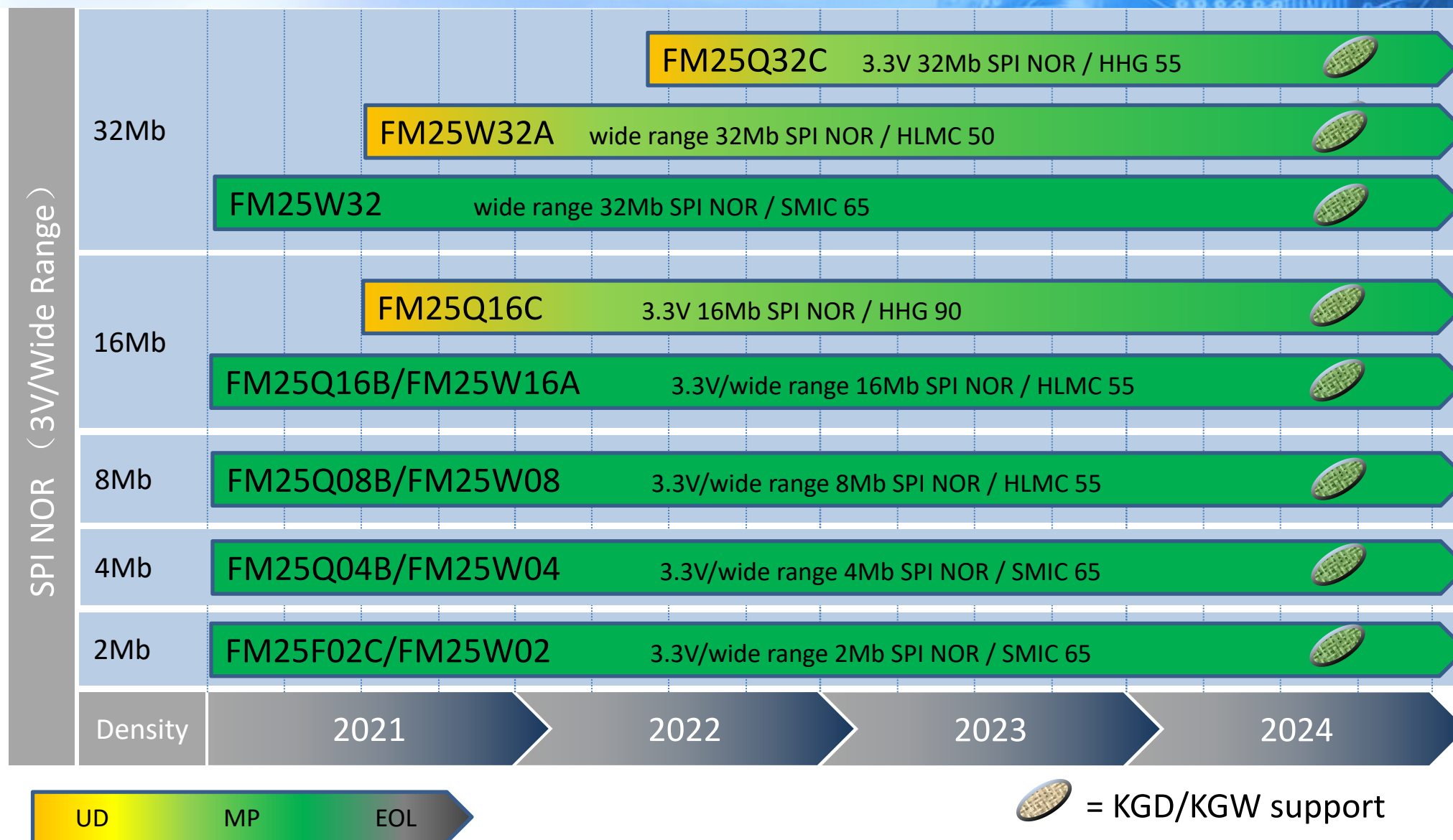
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SPI NOR Flash Roadmap I



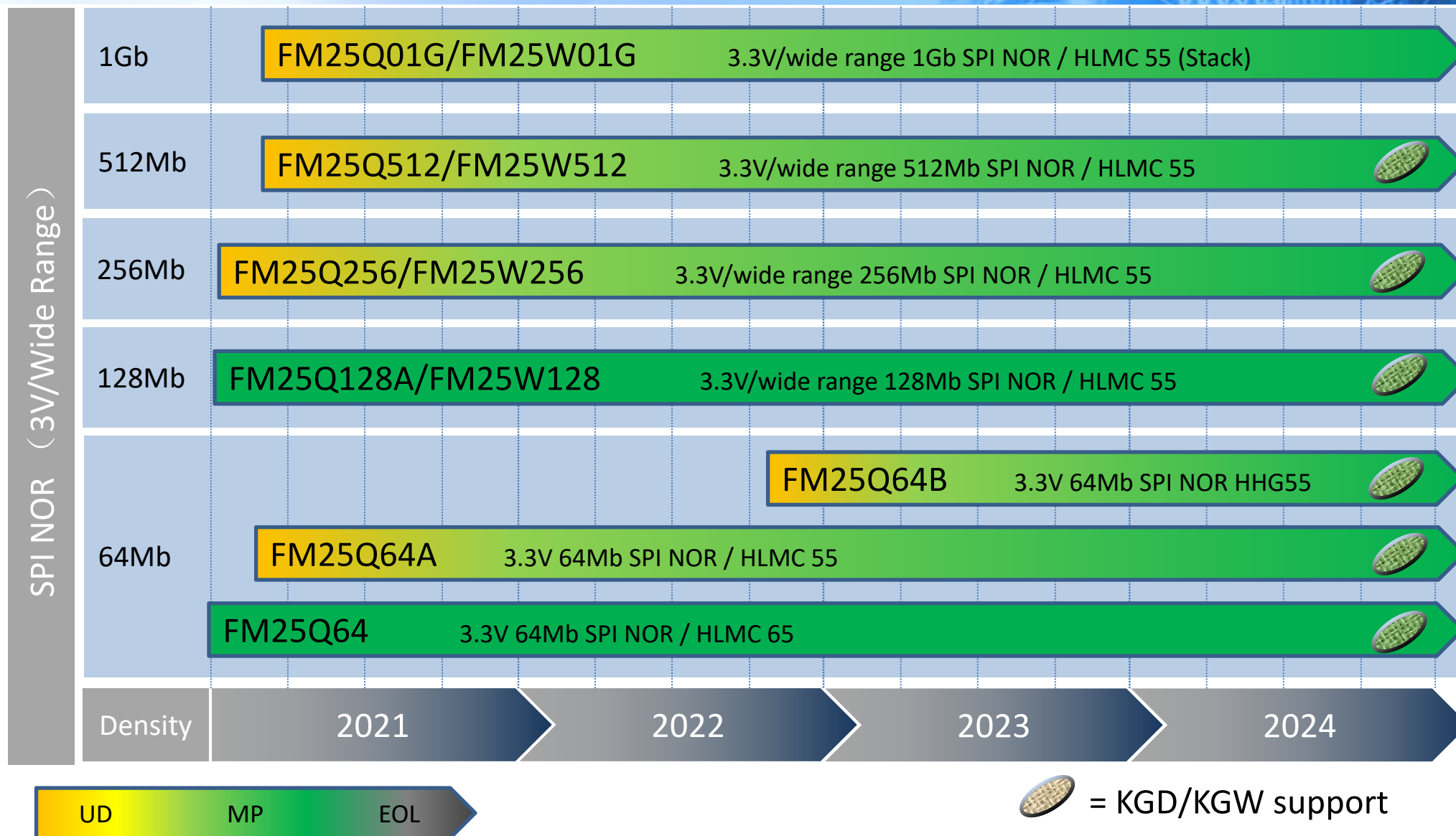
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SPI NOR Flash Roadmap II



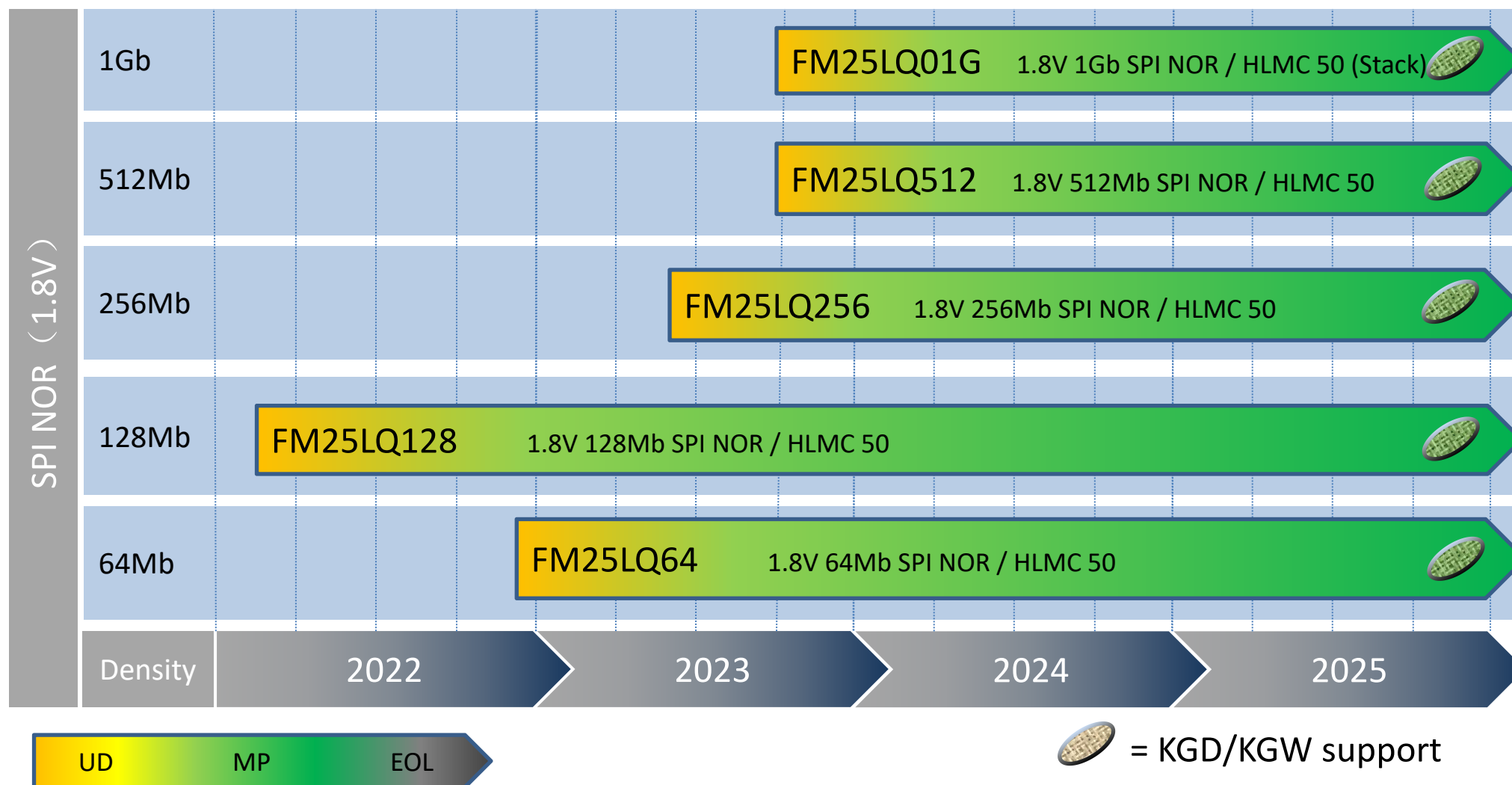
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SPI NOR Flash Roadmap III



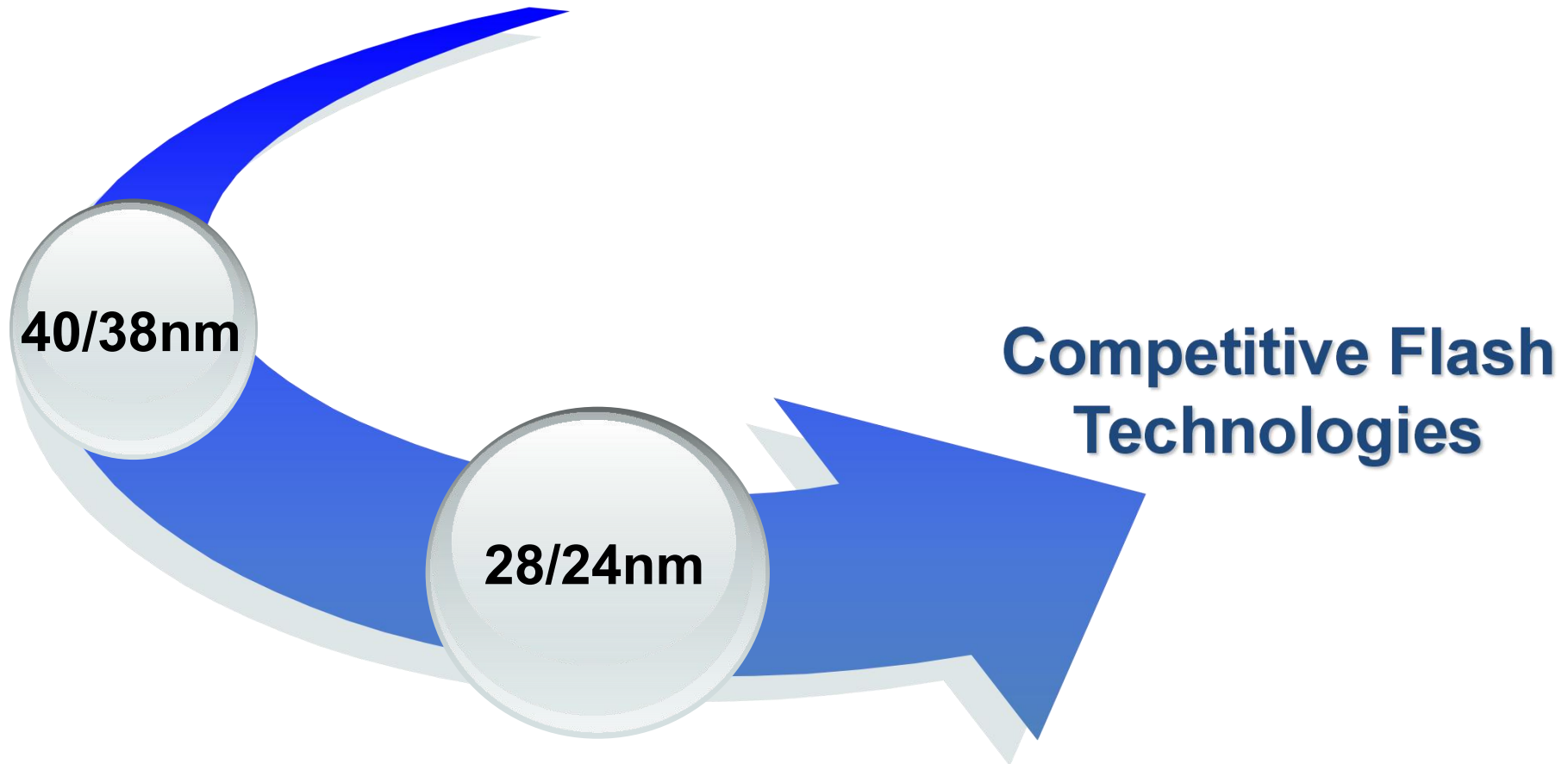
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NAND Flash Technologies



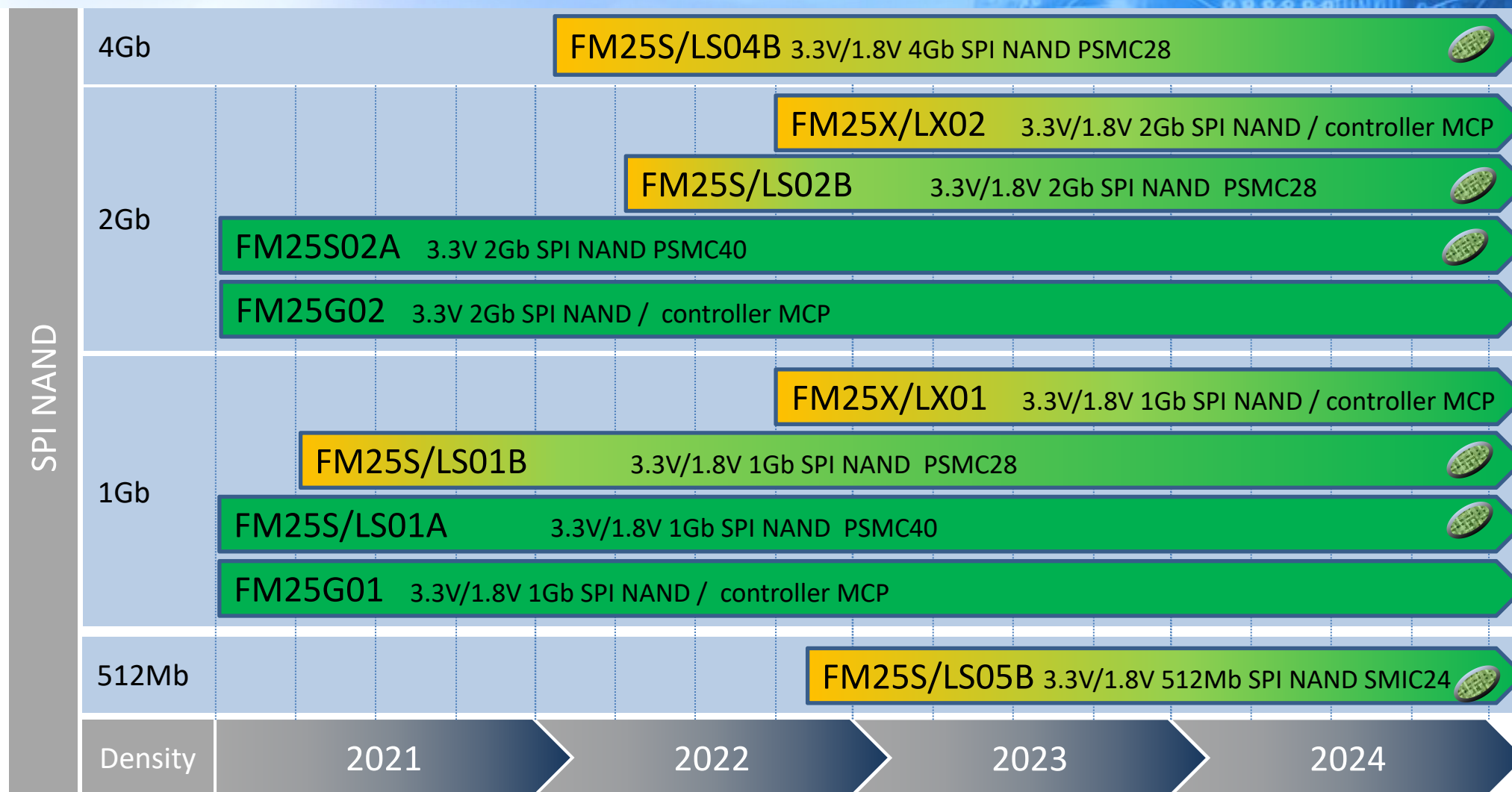
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SPI NAND Flash Roadmap



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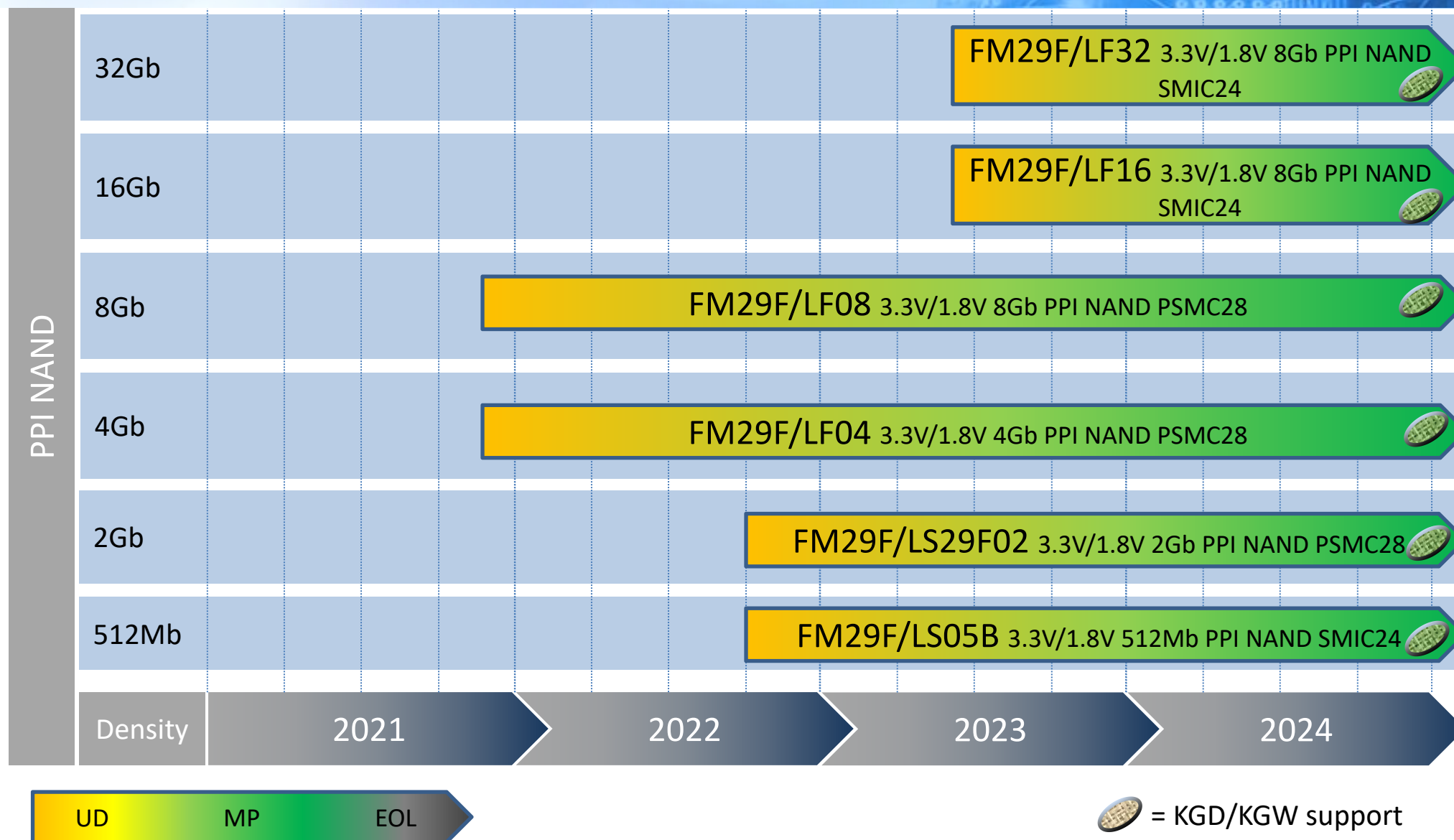


= KGD/KGW support

PPI NAND Flash Roadmap



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Applications and customers I



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Meter



Panel



TV&Monitor



EMS



Applications and customers II



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PON& xDSL



Household Electric



CCM



Automobile



Applications and customers III



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Surveillance

HIKVISION

alhua
TECHNOLOGY

uniview 宇视

XM 雄迈

WiFi/BT/IOT

 ESPRESSIF

BroadLink

MXCHIP



LG Innotek



PC&peripheral

lenovo

七彩虹
COLORFUL

SAMSUNG



仁寶電腦
COMPAL

PCPartner

BITLAND 宝龙达

ASUS

wistron

Smart Device

 360



ofo



dji

智芯
SMART MOVIE



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Competitiveness



复旦微电子集团
Fudan Microelectronics Group

Leading technology

Leading process technology、
Layout design optimization

Complete layout

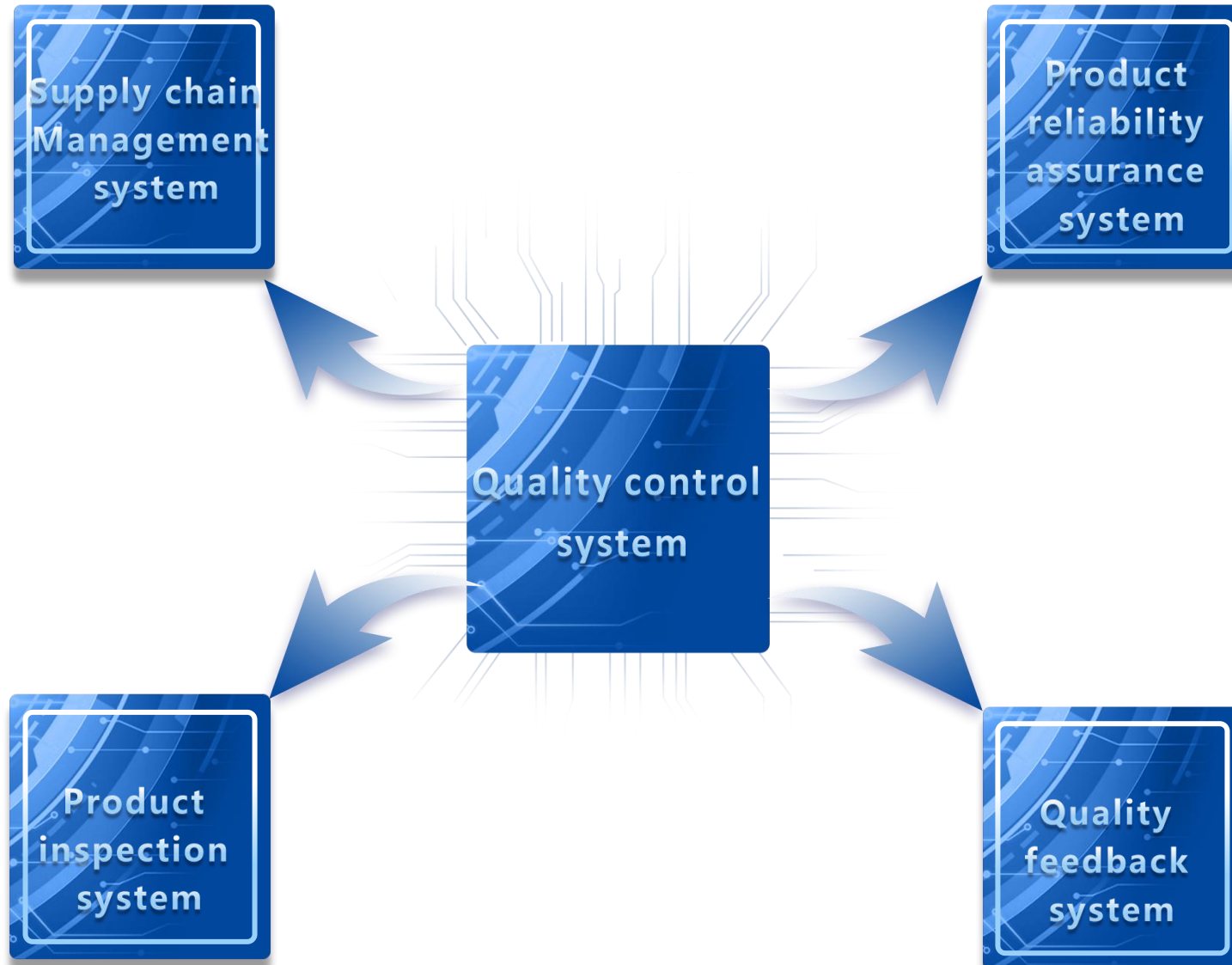
Full series
EEPROM,
NOR Flash,
NAND Flash,
Support small package KGD

Widely used

EEPROM/NOR
FLASH product lines are in the leading position in China

High quality service

Excellent quality control、
Good reputation、
customer service、
Positive feedback



Quality control system

- ISO9001 quality management system
- IECQ QC080000 Hazardous substance process management system
- ISO14064-1 Greenhouse gas emission management system



Fudan Microelectronics group Willing to work with partners and end users to achieve a better future!

Fudan Microelectronics group always adheres to the development of independent products, selects the most advanced production lines and production processes to produce products, adheres to the most stringent quality management system and processes, and attaches importance to the use and protection of intellectual property rights, so as to ensure to provide users with high-quality, high safety, complete varieties and industry-leading products.



FUDAN
MICRO

复旦微电子集团

THANKS

用“芯”服务

做您强有力的技术支持

BE YOUR STRONG TECHNICAL SUPPORT
ANYTIME AND ANYWHERE

