



Semiconductor Artificial Intelligence









BUSINESS PORTFOLIO



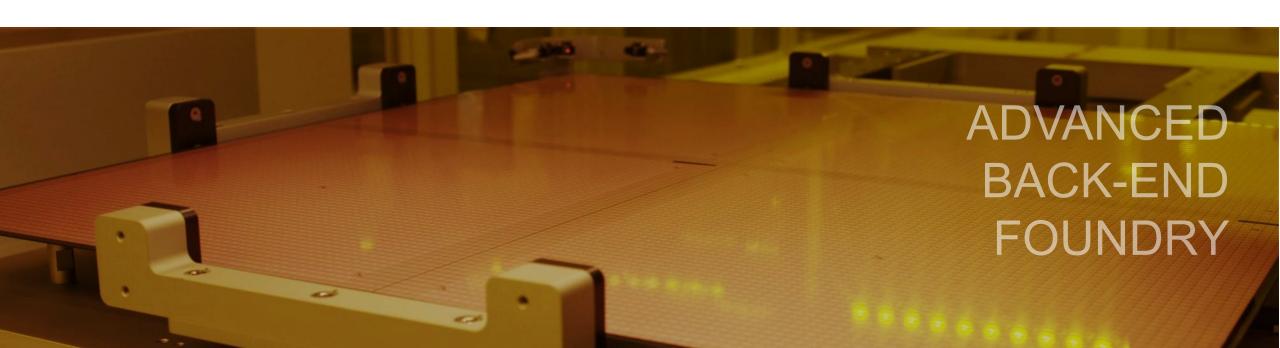
CORE TECHNOLOGY



GLOBAL NEPES



CORPORATE CULTURE



CORPORATE BRANDING



nepes' 4D management began at the very moment when the company name was chosen



4D(4th dimension) management?

The management that generate creation/innovation/pioneering and fun/satisfaction/happiness

Corporate Identity



Trademark



Name of company

Date of establishment

Date of Listing

CEO

Overseas corporation

nepes

1990.12

1999.12(KOSDAQ 033640)

Byung-Koo Lee(李柄九)

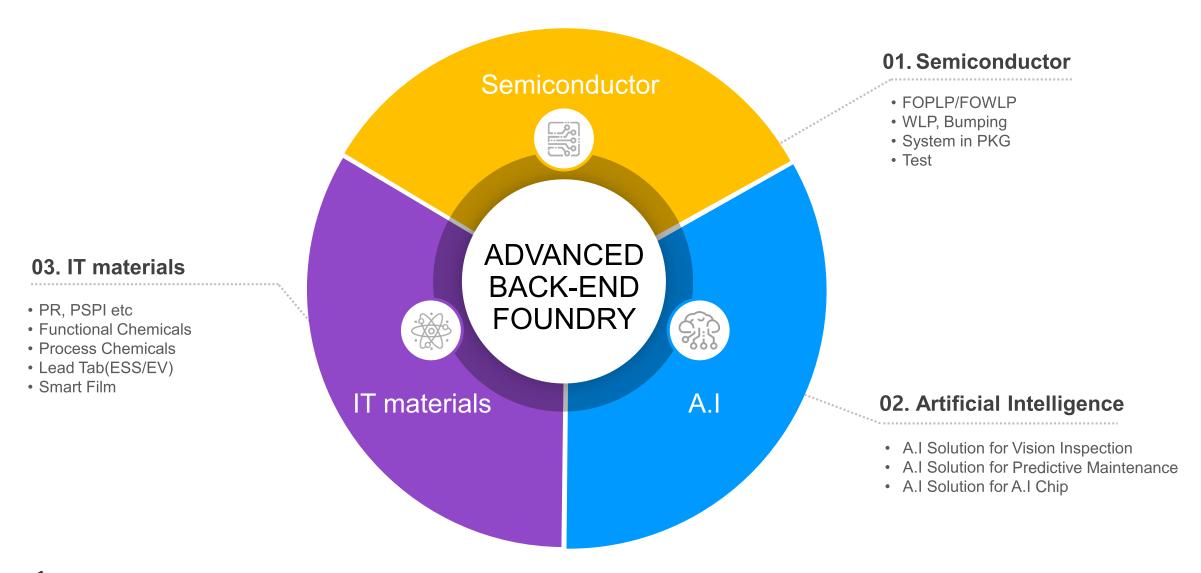
CN, US, PHL, IDN



BUSINESS PORTFOLIO



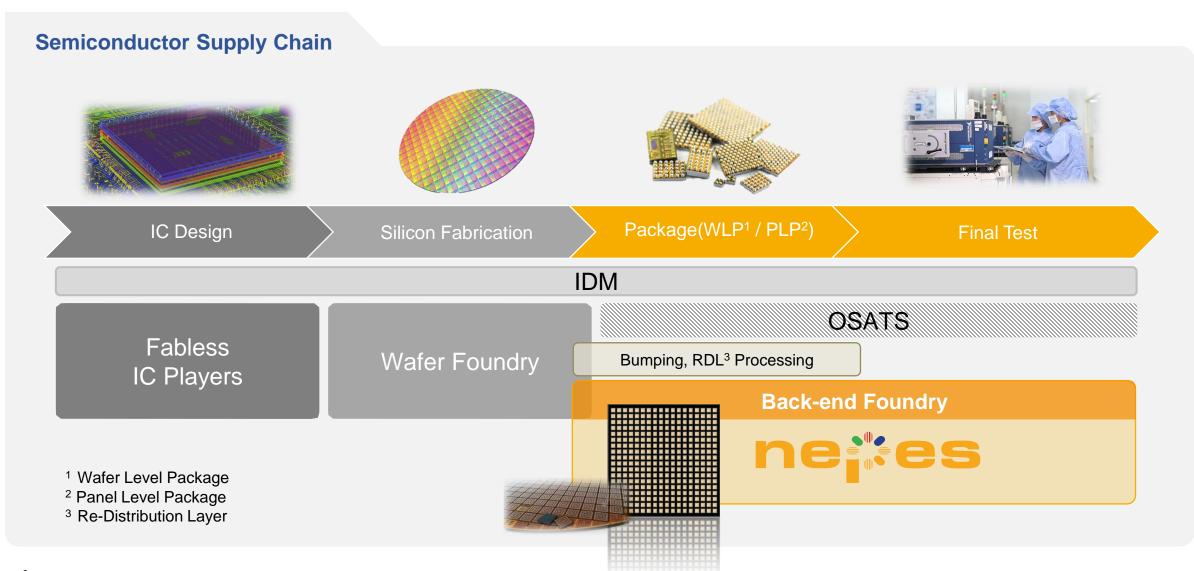
Advanced Back-end Foundry company nepes leads the future of system semiconductors



CORE TECHNOLOGY 01. Semiconductor

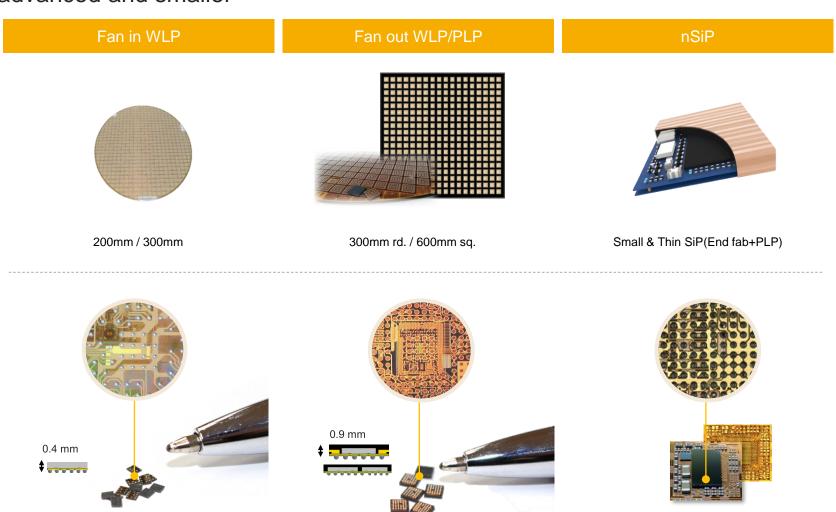


nepes' advanced semiconductor technologies including FOPLP and nSiP changes global supply chain



CORE TECHNOLOGY 01. Semiconductor

nepes' End-fab technology enables high-end semiconductor to be advanced and smaller





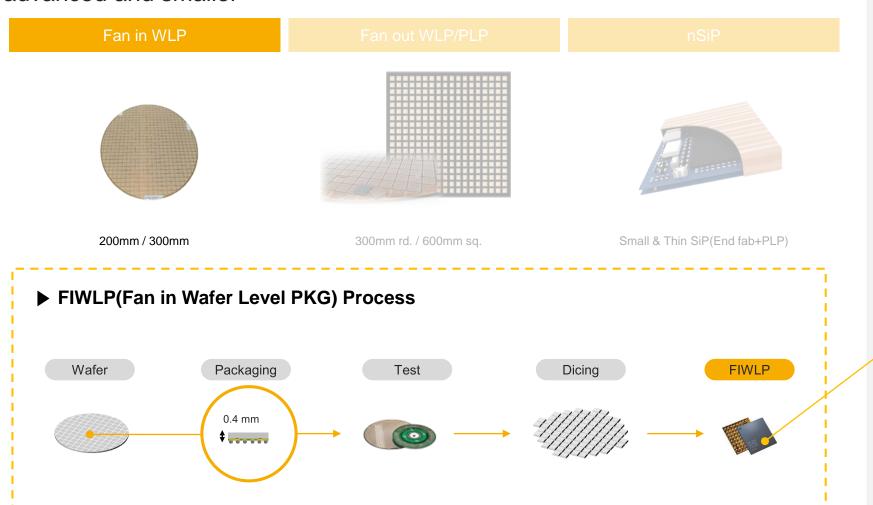
Applications



CORE TECHNOLOGY 01. Semiconductor ① WLP



nepes' End-fab technology enables high-end semiconductor to be advanced and smaller



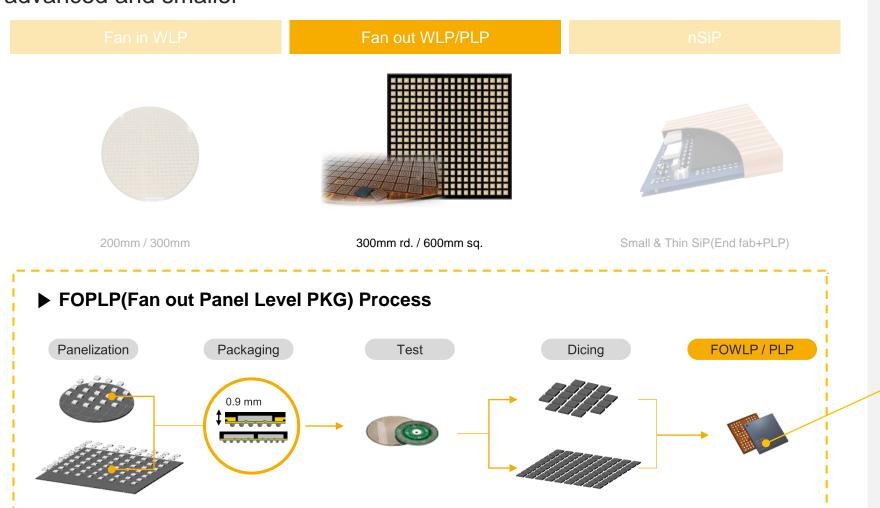
Applications



CORE TECHNOLOGY 01. Semiconductor 2 FOWLP/PLP



nepes' End-fab technology enables high-end semiconductor to be advanced and smaller



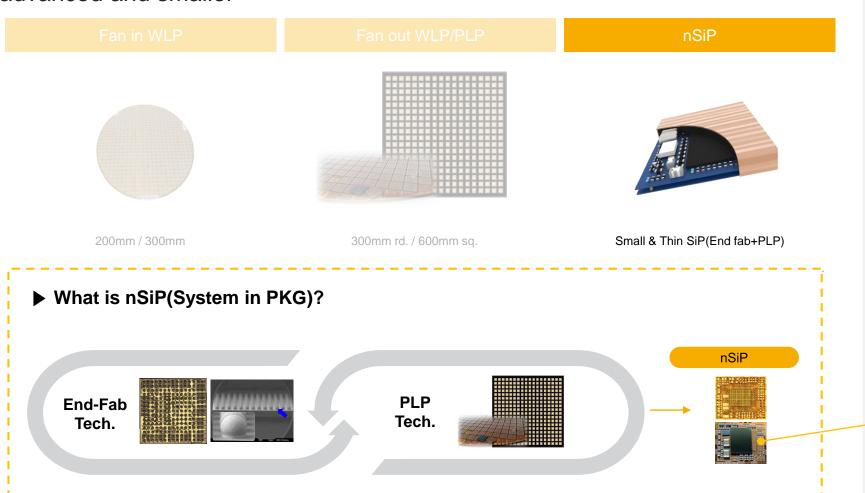
Applications



CORE TECHNOLOGY 01. Semiconductor ③ nSiP



nepes' End-fab technology enables high-end semiconductor to be advanced and smaller









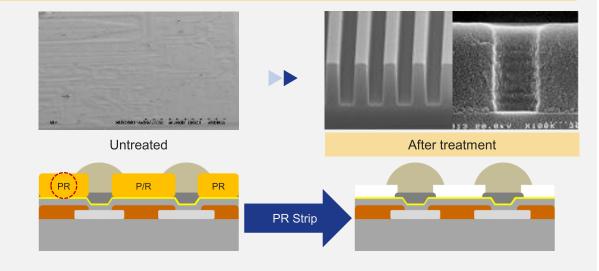


CORE TECHNOLOGY 03. IT Materials ① Chemicals



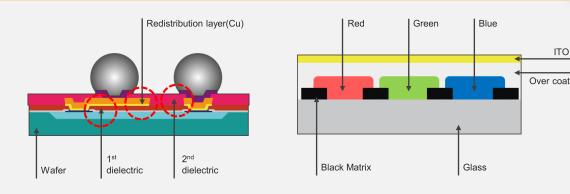
Process chemicals

- PR
- Developer
- Stripper
- Etchant
- HSN



Functional chemicals

- ILD/PSPI
- Cu Plating
- Color paste



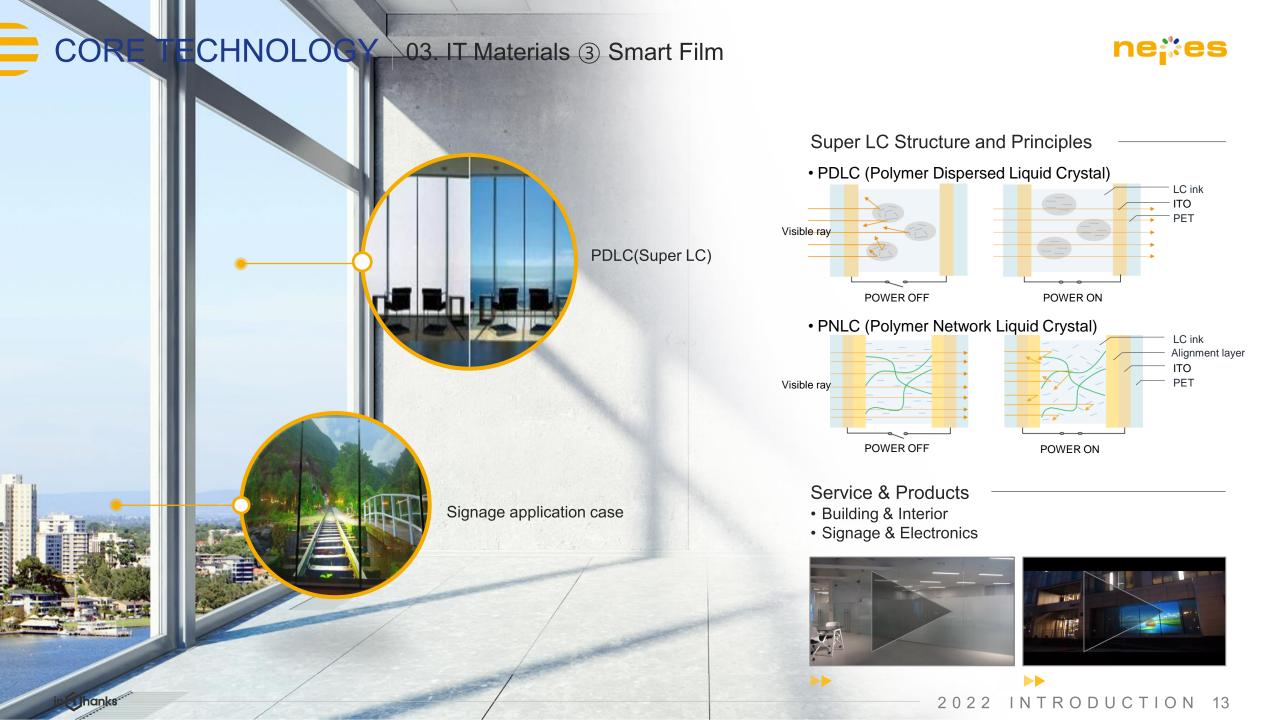


Applications

OLED) Solar Cell



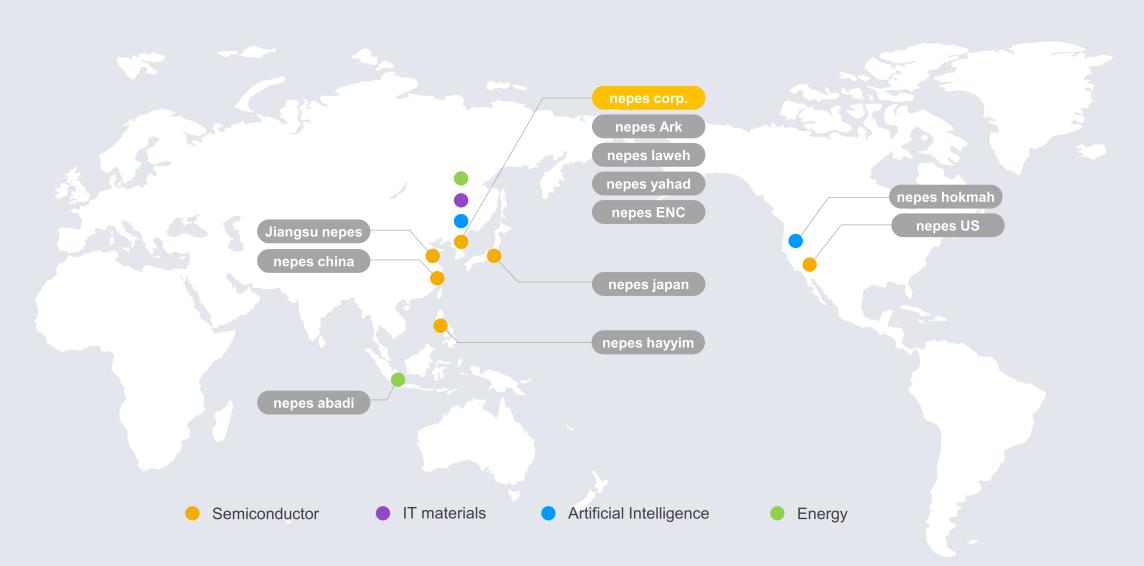




GLOBAL NEPES



We will serve the earth with our technology and products



CORPORATE CULTURE



nepes continues to grow by creating performances through the development of corporate culture in nepes' own ways

unique

i-training



culture Thanks & song

3.3.7



RECOGNITIONS 1 White House report quotation



President Biden ordered an executive order directing an investigation into US semiconductor supply chain, and the White House released a review report (June, '21).

• It contained the proposal of strengthening the domestic semiconductor manufacturing ecosystem by highlighting advance packaging necessary for important national security other than commercial use, and this shed light on nepes among the global top10 companies.





RECOGNITIONS 2 Joining ASIC membership



American Semiconductor Innovation Coalition (ASIC) membership is by invitation-only and IBM has asked nepes to join the Coalition in May '22

• IBM and other coalition members feel that nepes can bring a tremendous value to the coalition with its expertise in the advanced packaging such as wafer level processing and fan-out technologies





Coalition Members Include





















RECOGNITIONS 3 International case study presentation



Nepes' unique management philosophy has been recognized as a creative competitiveness that drives continuous growth of the organization and has been introduced as an excellent management case at various international academic conferences.

2022 GLOBAL CONFERENCE ON IHRM



SAVE THE DATE! MAY 19-21, 2022

FIFTH GLOBAL CONFERENCE ON INTERNATIONAL HUMAN RESOURCE MANAGEMENT







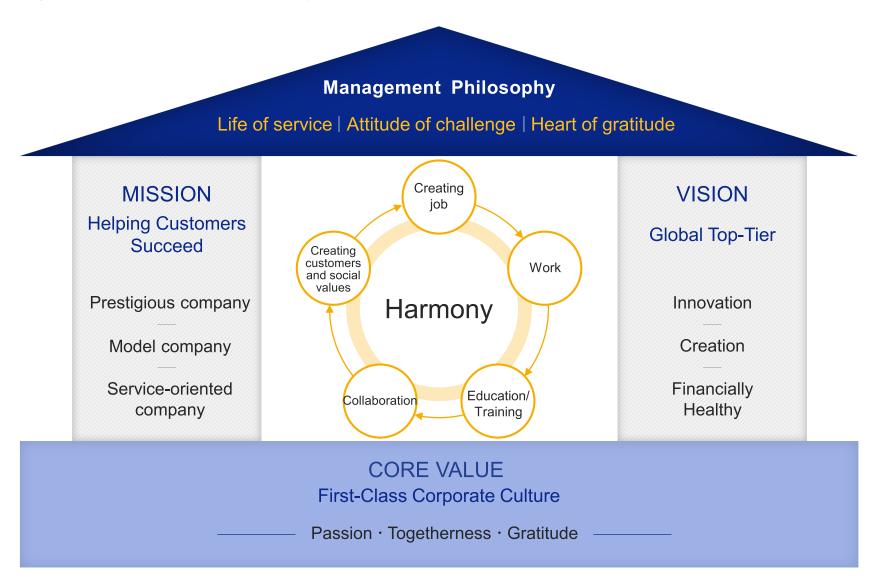


May 20, 2022 @St.John's Univ. Global Conference on International HR Management

June 22-23, 2022 @ Michigan Univ. Global Conference on Positive Organization



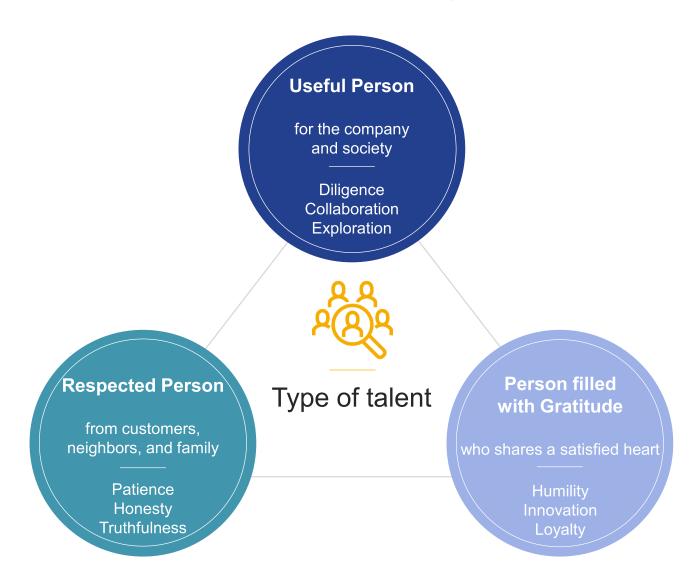
nepes consistently practices its own management philosophy







nepes is the community with people who have good personality to make things work



nepes LOGO



n Family community connected via gratitude

Greetings

superstar

'superstar' is a unique word of greeting when we say hello to others with higher respect



APPENDIX 3 Core Technology (Semiconductor)

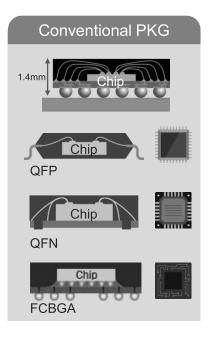


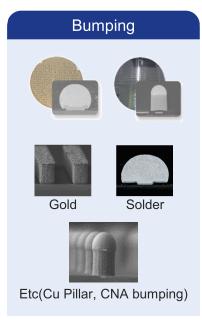
Market Trend

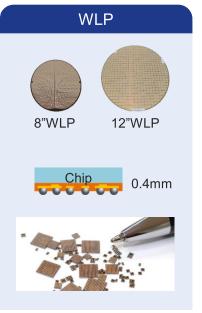
Smaller form factor (Based on Wafer-Level Platform)

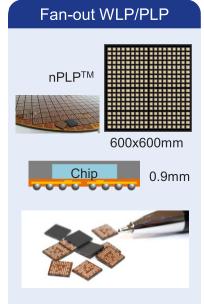
Highly integrated Wafer-Level System in Package

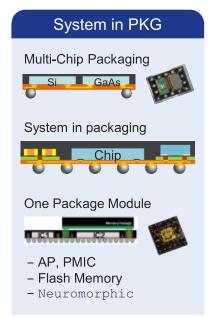
Tech. Roadmap











Position

nepes Back-end Foundry
(Bump, WLP, FOWLP, FOPLP, nSiP, TEST)

Other OSAT

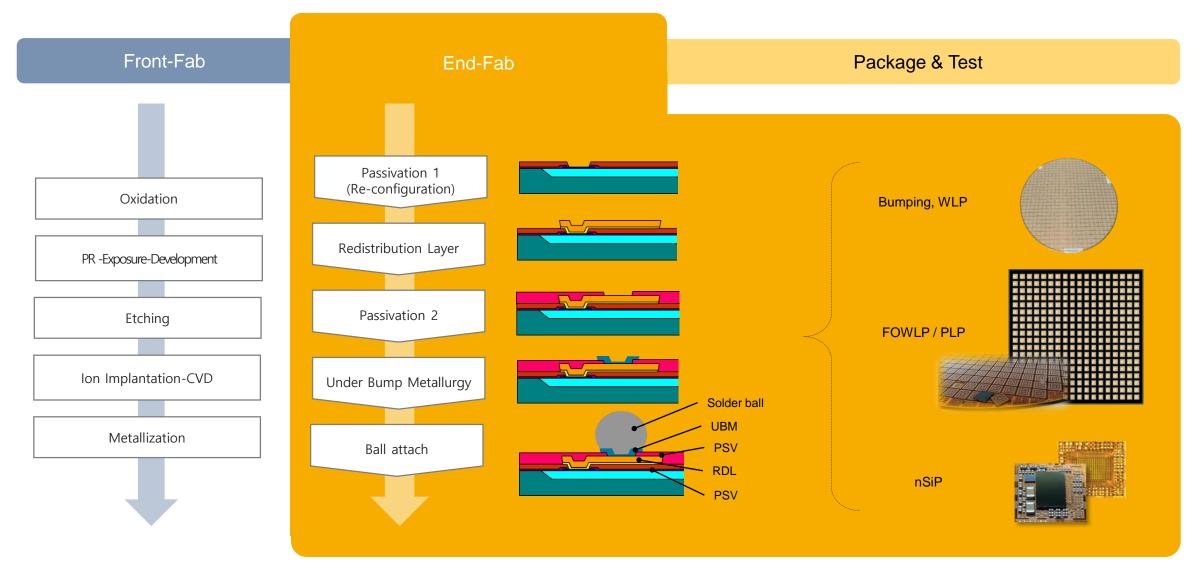
Conventional wire bonding packaging & Typical WLP technology



APPENDIX 4 What is End-fab?



End-fab refers to Passivation, RDL, and Bump processes after Front-Fab



APPENDIX 5 What is FOPLP?



nepes sets new standards for FOPLP with the world's largest panel size

 nepes has created a unique FOPLP technology based on FOWLP, internal materials (chemicals) development, and End-fab

