



Overview :

# ST Standard EEPROM

A world leader in providing the semiconductor solutions that help our customers improve quality of life for everyone, both today and in the future



# Key messages

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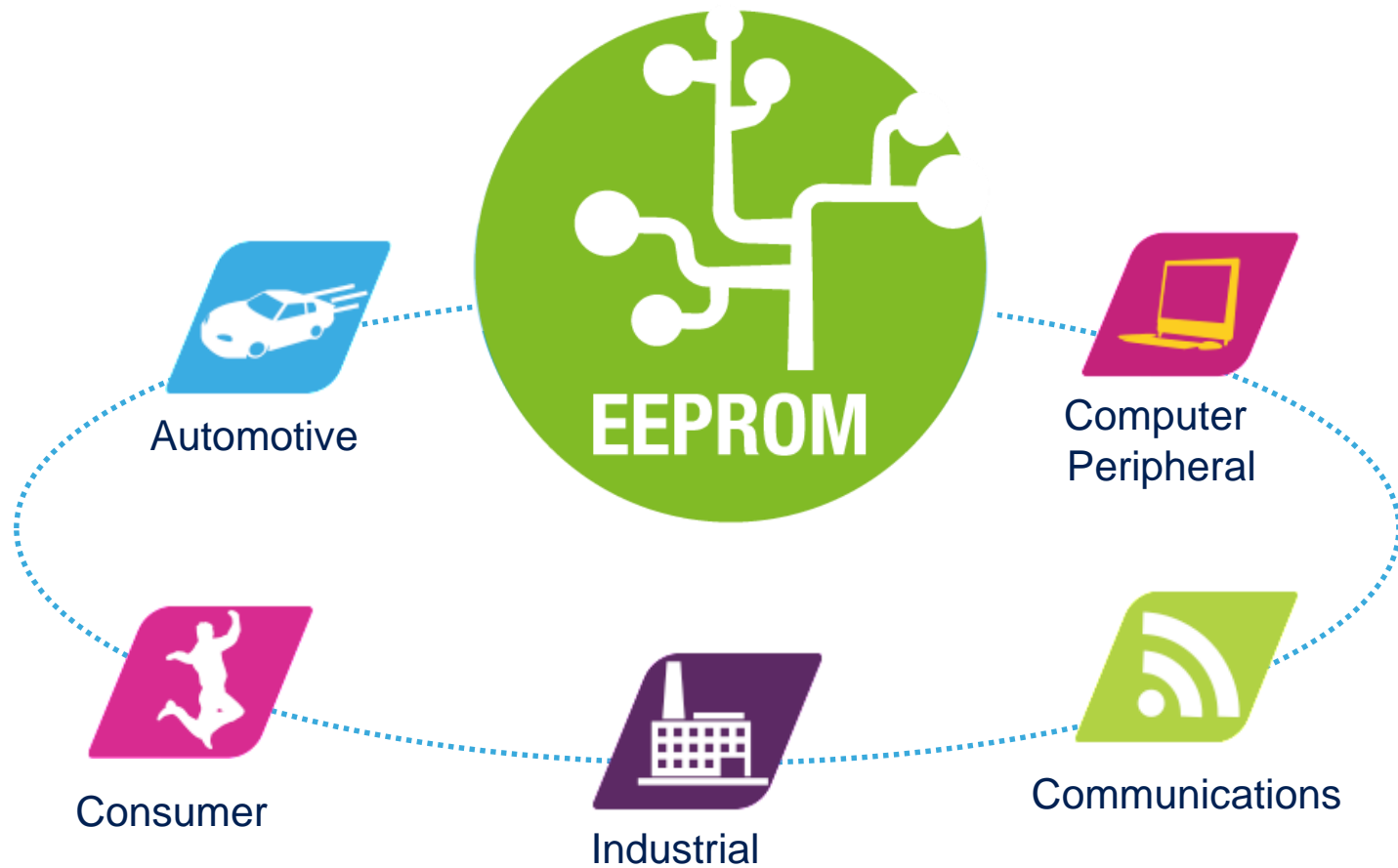
ST is the #1 EEPROM  
supplier in the world with  
27% market share

45% WW  
market share in the  
Automotive segment reflects  
the high quality and  
reliability of ST EEPROM

Join a long term supplier,  
and enjoy a Complete  
portfolio at competitive price,  
with new & attractive  
solutions

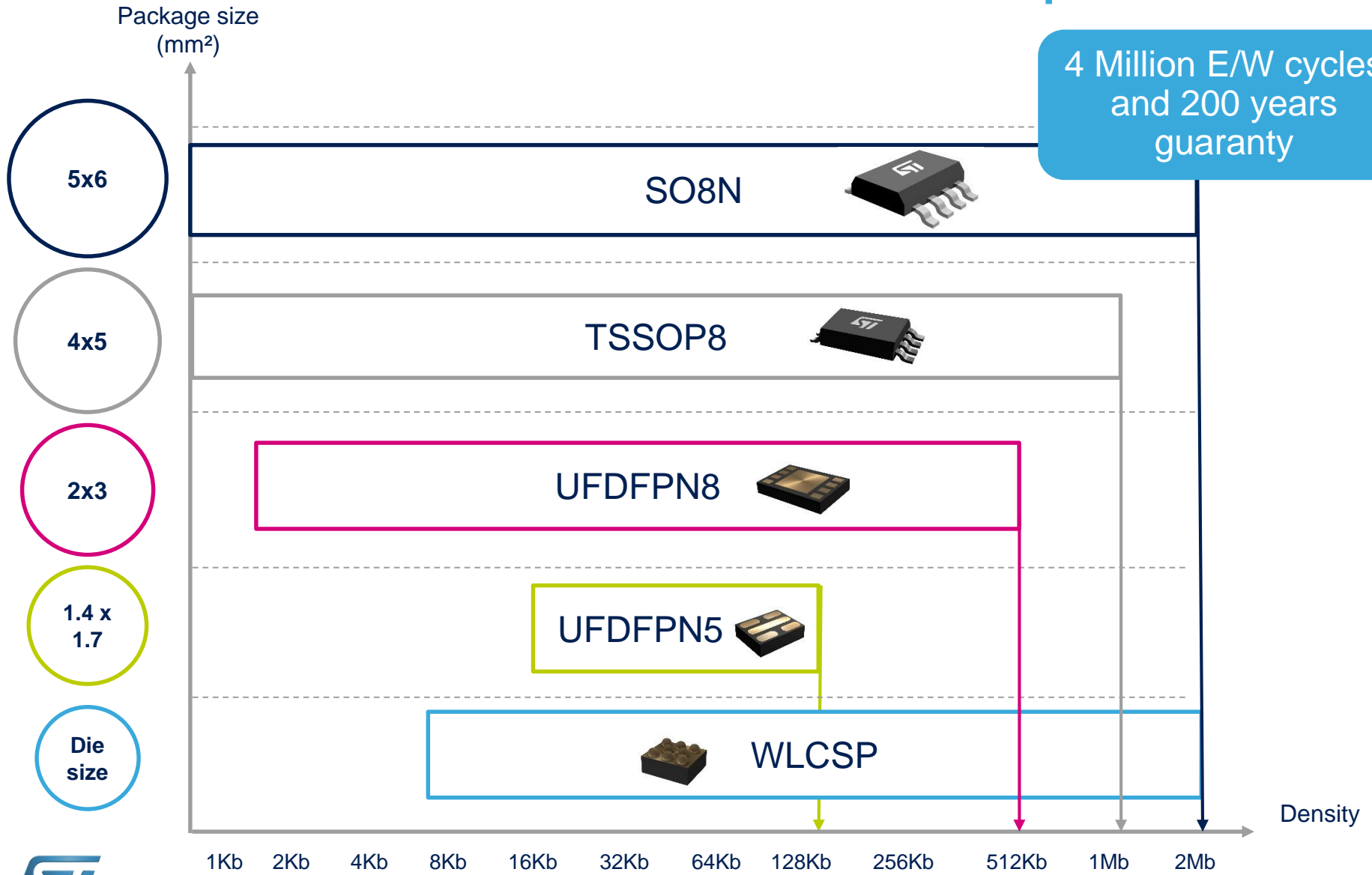


External EEPROM is the first choice for high quality and flexible parameter management





# EEPROM I2C and SPI portfolio





# Key benefits from ST EEPROM Standard

## Miniature package

- Save space on your board and get lighter !
  - WLCSP available from 8 Kbit to 2 Mbit (1 mm<sup>2</sup> for 64 Kbit), and 3 different thicknesses at 0.6, 0.33 and 0.30 mm
  - New UFDFPN 5 package (also know as MLP or DFN) with compact size (1.4 mm X 1.7 mm)

## High density

- Enables you to store more parameters for smarter application
  - Thanks to advanced process, first 2 Mbit on the market!

## Low power

- Look for energy saving !
  - Voltage at 1.7 V in standard production
  - Even 1.6 V for some densities

## Protect Sensitive Data

- Store and Protect sensitive data in a safer way
  - Use our write Lockable page feature

Smaller,  
thinner,  
lighter solutions  
in WLCSP are  
now in mass  
production



## ● ST EEPROM Number #1

- Outstanding robustness :
  - 200 Years data retention
  - 4 Million Cycles
- Complete DFN and WLCSP portfolio
- Best in class quality, below 1ppm
- Easy Buy-on-Line through our Distributors

## ● ST EEPROM service

- IBIS and Verilog models
- Short Lead time
- Double sourcing strategy
- ROHS and Leadfree package



Thank you!



ST stands for  
**life.augmented**