



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

2

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

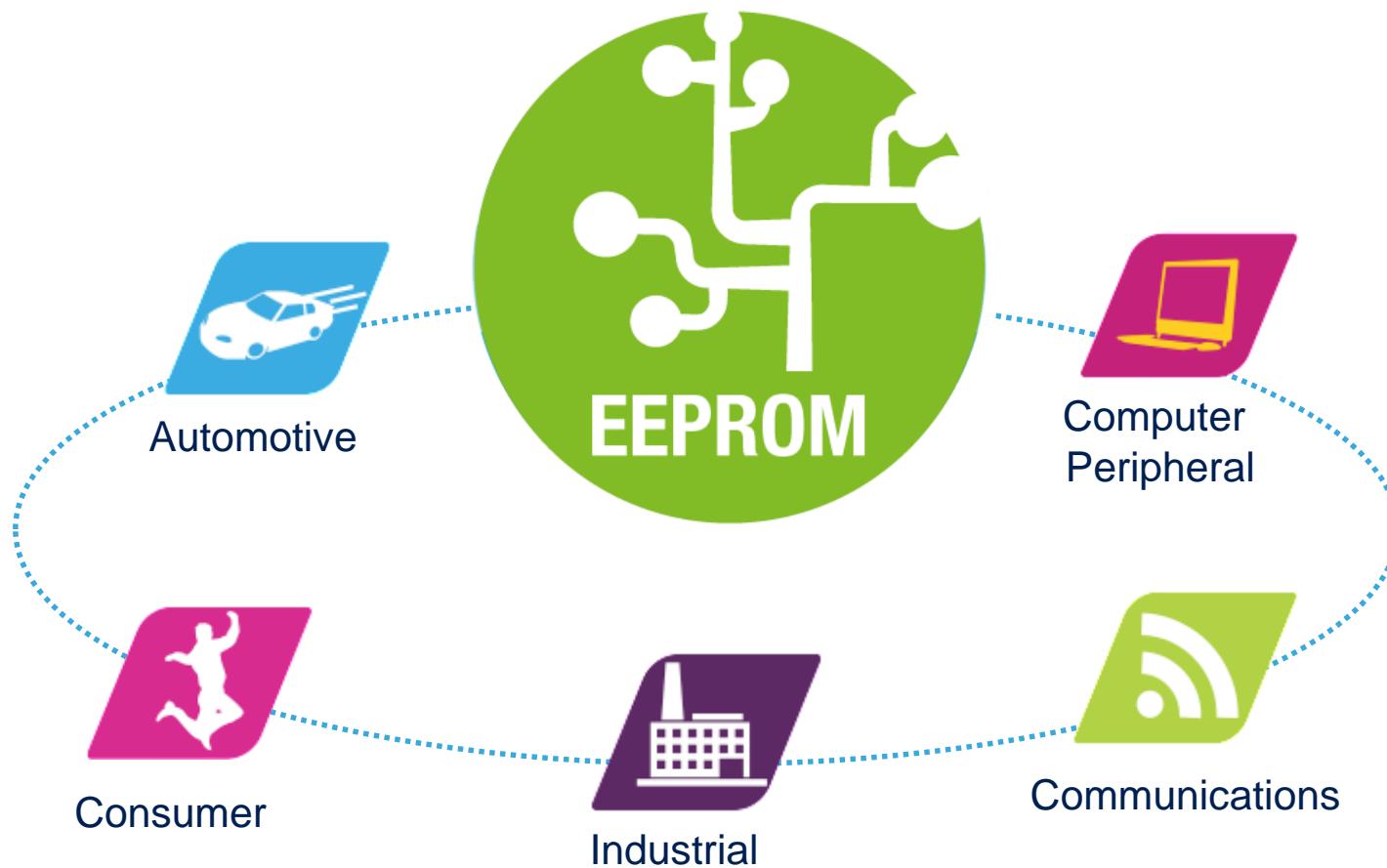
Join a long term supplier, and enjoy a Complete portfolio at competitive price, with new & attractive solutions



Applications

3

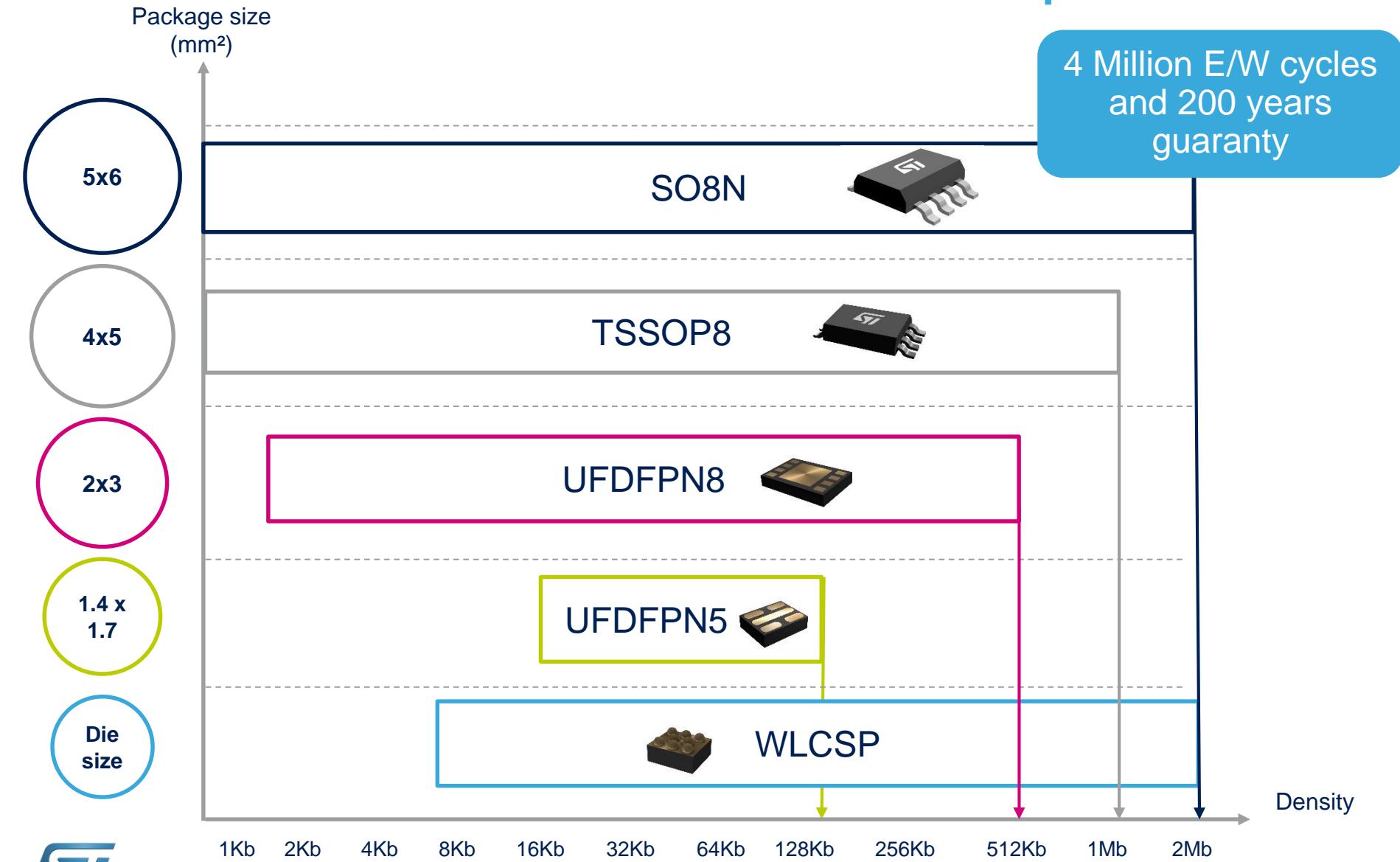
External EEPROM is the first choice for high quality and flexible parameter management





EEPROM I²C and SPI portfolio

4





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 mm² 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

Conclusion



ST EEPROM Number #1

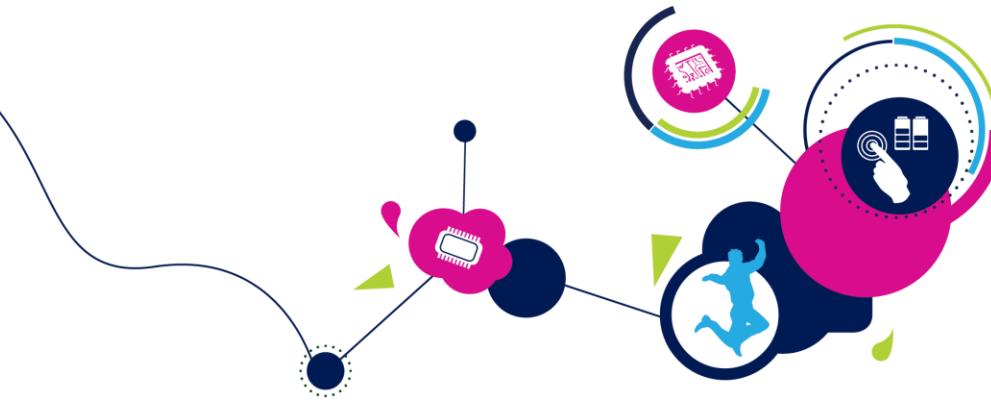
- Outstanding robustness :
 - 200 Years data retention
 - 4 Million Cycles
- Complete DFN and WLCSP portfolio
- Best in class quality, below 1ppm
- Easy Buy-on-Line through our Distributors

ST EEPROM service

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

Thank you!

7



ST stands for
life.augmented