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

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

- SO8N
  - UFDFPN5
  - UFDFPN8
  - WLCSP

- TSSOP8

Package size (mm²):
- 5x6
- 4x5
- 2x3
- 1.4 x 1.7

Density:
- 1Kb
- 2Kb
- 4Kb
- 8Kb
- 16Kb
- 32Kb
- 64Kb
- 128Kb
- 256Kb
- 512Kb
- 1Mb
- 2Mb

4 Million E/W cycles and 200 years guaranty
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

Join us at [www.st.com/eeprom](http://www.st.com/eeprom)
Thank you!

ST stands for Life.Augmented