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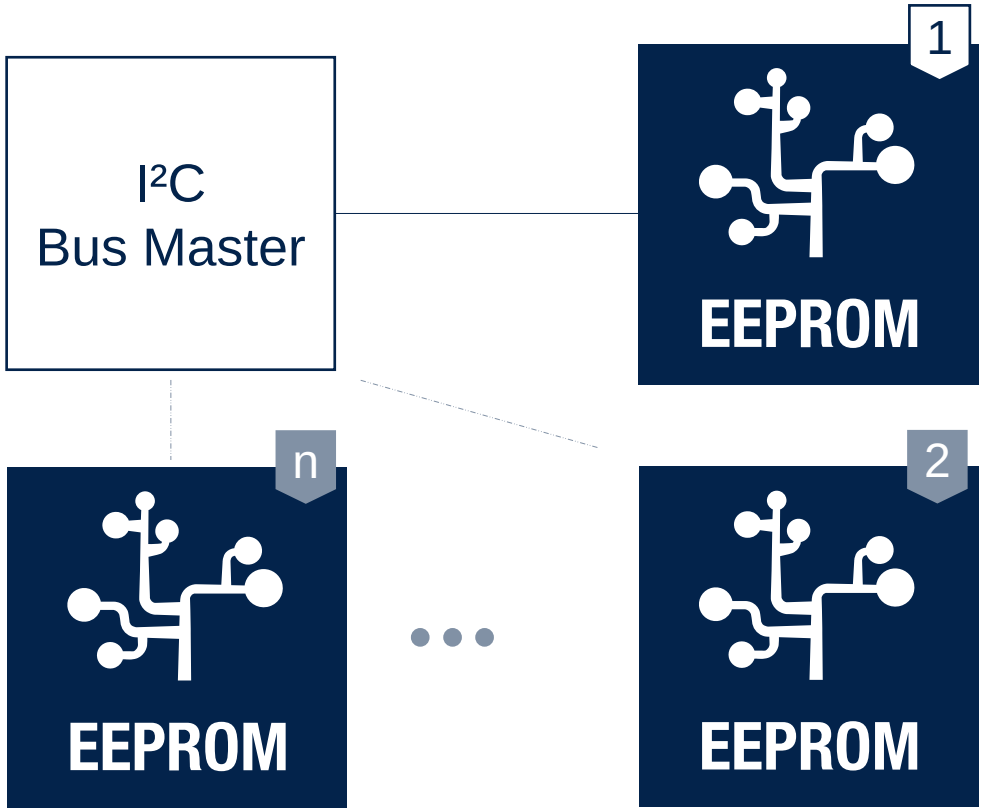
Discover the M24256E-F

The 256Kbit I²C EEPROM in SO8N from new process

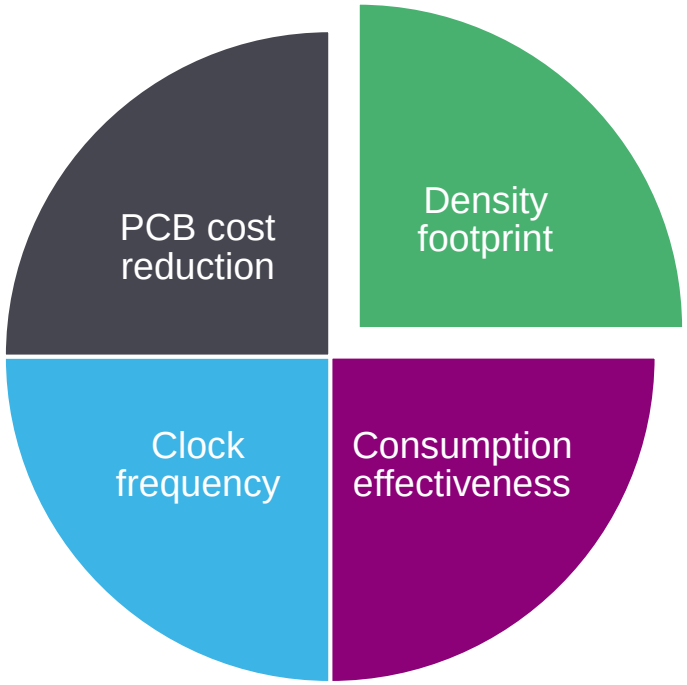
EEPROM

Two main new features

1. Multiple EEPROMs on same bus



2. Enhanced technology process



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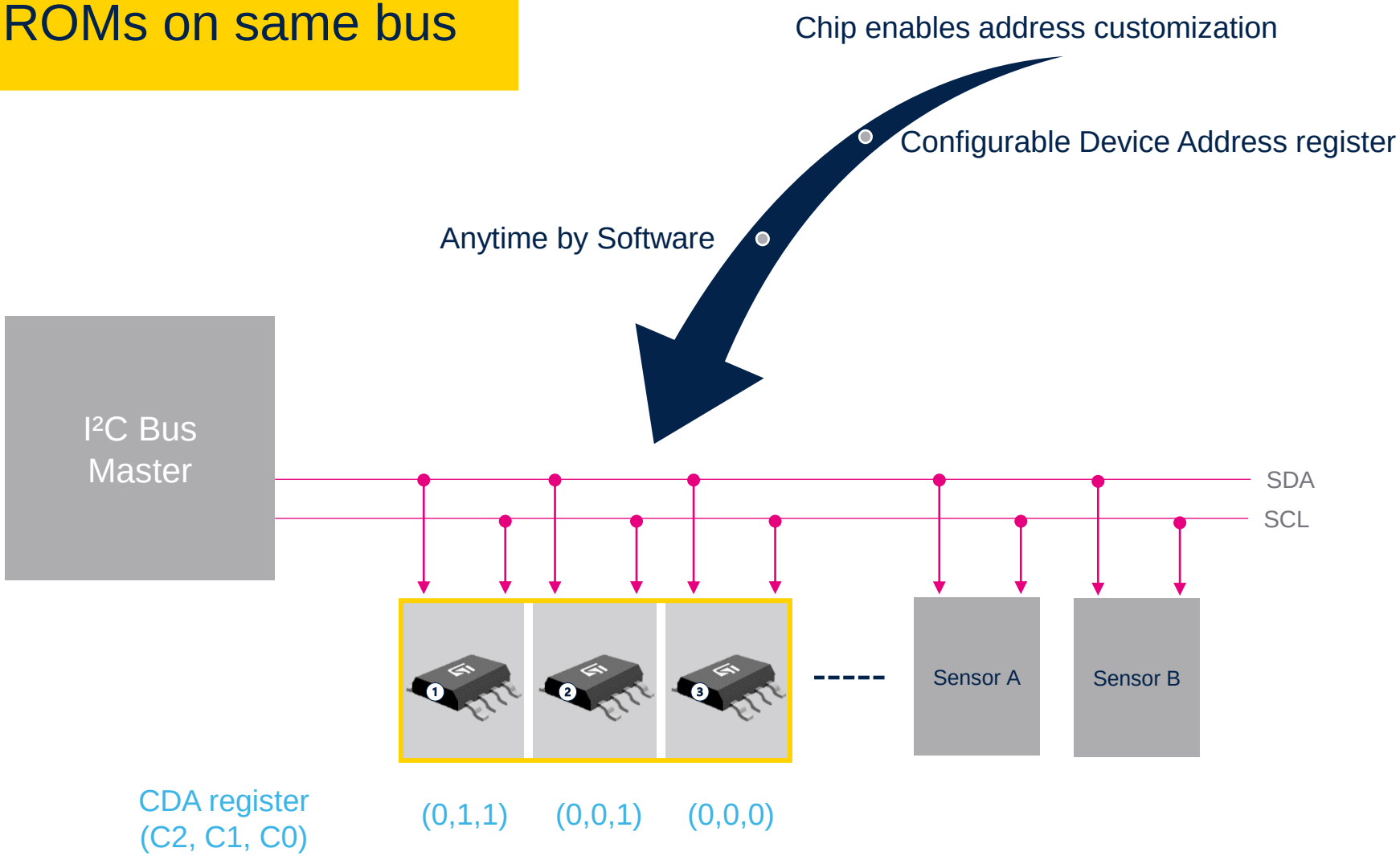
Configurable device address

1. Multiple EEPROMs on same bus



New customer offer

2. Enhanced technology process

Pins reduction

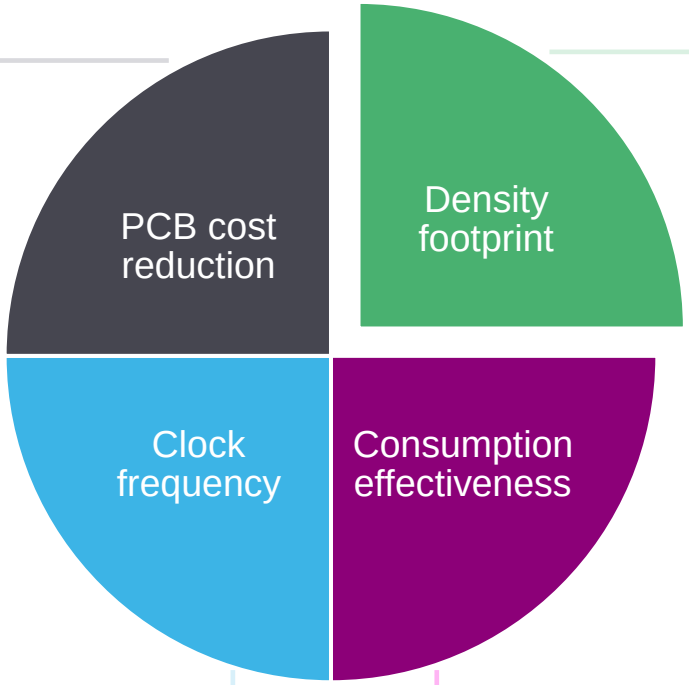
5 pins instead of 8

$

Up to 1MHz

Fast wake up

Fast communication



Design enhanced

For low power consumption

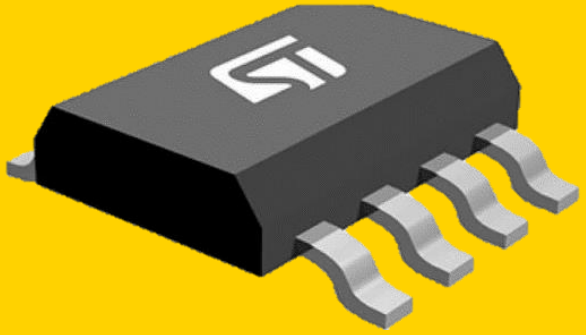
Availability

Increased number of dies per wafer

Key features

Fast wake-up & communication, low supply

SO8N package



EEPROM

Configurable Device Address register

Software Device Address register

- 256Kbit memory organized as 32Kbytes
- SO8N JEDEC package **4.9 x 6 mm**
- **Fast-mode Plus** (1MHz) across **1.6 V to 5.5 V**
- Temperature range -40°C up to +85°C
- 64 bytes per page
- 5ms for byte and page write
- **4 Million** write cycles at 25°C
- **200-year** data retention
- ESD HBM **4000V**

EEPROM

Where you find the M24256E-F typical applications

eMetering

Industrial

Printers

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Additional resources

Find out more on M24256E-F product page and apply for samples

Download the datasheet

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Our technology starts with You

Find out more at www.st.com/eeprom

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