

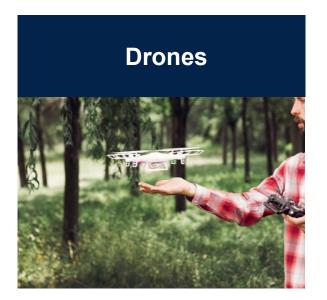


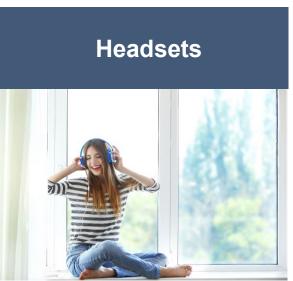
# Serial I<sup>2</sup>C & SPI EEPROM in DFN8 package





# Target applications DFN8 package











Designed for applications where **space and weight constraints** and **manufacturing robustness** are key factors





### DFN8 package features UFDFPN8 - MLP8

DFN8 package: small, robust, easy to handle

UFDFPN: Ultra-thin Fine-pitch Dual Flat Package No lead

Features	DFN8	
Package size	2 x 3 mm	
Thickness	0.55 mm	
Weight	16 mg	
Pin count	8 pin	
Pin type	Leadless	
Solder pitch	0.5 mm	

Package information and soldering guidelines available in **TN1171** 





#### I<sup>2</sup>C & SPI EEPROM DFN8 portfolio

UFDFPN8 - MLP8

#### The DFN8 package offers significant improvements

- reduced PCB footprint
- reduced application weight
- easy handling and manufacturing robustness



#### Notes:

1/ All products, except "–F" version that operates at 1.6 V, operate in the 1.7 to 5.5 V V<sub>CC</sub> range and - 40 to + 85 °C temperature range 2/ "-DRE » version are available in MLP8

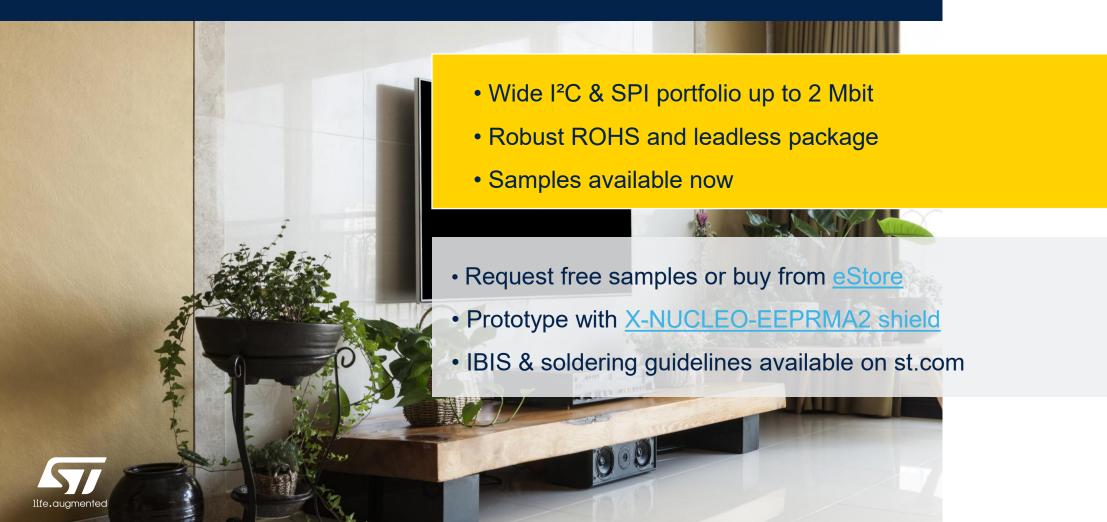
Click on <b>produ</b> to download the <b>Part nun</b>	Datasheet	Memory density (Kbits)	Commercial		SPI Commercial part numbers (CPNs)
I <sup>2</sup> C	SPI				
<u>M24C02-F</u>	-	2	M24C02-FMC6TG		-
<u>M24C04-F</u>	<u>M95040-DF</u>	4	M24C04-FMC6TG		*M95040-DFMC6TG
<u>M24C08-F</u>	<u>M95080-DF</u>	8	M24C08-FMC6TG		*M95080-DFMC6TG
<u>M24C16-F</u>	<u>M95160-DF</u>	16	M24C16-FMC6TG		*M95160-DFMC6TG
<u>M24C32-F</u>	<u>M95320-DF</u>	32	M24C32-FMC6TG	*M24C32-DFMC6TG	*M95640-DFMC6TG
<u>M24C64-F</u>	<u>M95640-DF</u>	64	M24C64-FMC6TG	*M24C64-DFMC6TG	*M95640-DFMC6TG
<u>M24128-BF</u>	<u>M95128-DF</u>	128	M24128-BFMC6TG	*M24128-DFMC6TG	*M95128-DFMC6TG
<u>M24256E-F</u>	<u>M95256-DF</u>	256	*M24256E-FMC6TG		*M95256-DFMC6TG
<u>M24512E-F</u>	<u>M95512-DF</u>	512	*M24512E-FMC6TG		*M95512-DFMC6TG
<u>M24M01E-F</u>	-	1024	*M24M01E-FMC6TG		-
<u>M24M02E-F</u>	-	2048	*M24M02E-FMC6TG		-





## I<sup>2</sup>C & SPI EEPROM in DFN8 package summary

#### Designed for small & light modules where robustness is a key factor



# Our technology starts with You





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