

**Time for Survey, Main takeaways, useful links references and final Q&A.**

# Workshop Survey

- Please provide us with your feedback about this workshop.
- Your inputs are very valuable and important for us to improve in future.

[https://www.surveymonkey.com/r/STM32H7RS\\_demo\\_workshop\\_2024](https://www.surveymonkey.com/r/STM32H7RS_demo_workshop_2024)



Thank you!



# Workshop Takeaways

## Product knowledge

You gained an overall understanding of the STM32H7R/S series. Learning STM32H7R/S features and how to use them in your applications. Knowing where and how to continue exploring features of STM32H7R/S

## Powerful STM32H7R/S bootflash MCU

This new Bootflash line augments the current high-performance family with a "low-cost option" while giving new features such as I3C, USB Power Delivery, Serial audio interfaces, side-channel attack-resistant hardware crypto, and a PSA level 3 certifiable solution. STM32H7R/S offers fast external memory interfaces to provide more freedom on memory selection and architecture.

## Delve into the advanced security features

The STM32H7RS family embeds several new hardware accelerators and security services including the immutable Root of Trust as it targets PSA Level 3 and SESIP Level 3 certifications. The Memory cipher engine (MCE) embedded in this device allows to encrypt/decrypt on the fly the external memory

## Advanced graphical capabilities

Best-in-class platform for graphics. Given the cost point for a feature-rich product, it's the right choice for achieving MPU-like graphics on a cost-effective microcontroller platform.

# Let's start your journey with STM32H7R/S devices today!

# Links

# STM32H7R/S useful links references

STM32H7R/S datasheets, reference manuals, application notes, FW libraries, tools (STM32Cube), application notes and more:

- <https://www.st.com/en/microcontrollers-microprocessors/stm32h7r3-7s3.html>
- <https://www.st.com/en/microcontrollers-microprocessors/stm32h7r7-7s7.html>

STM32 MCU wiki for more info about the STM32 products, ecosystem, start guides, etc:

- [https://wiki.st.com/stm32mcu/wiki/Main\\_Page](https://wiki.st.com/stm32mcu/wiki/Main_Page)
- <https://wiki.st.com/stm32mcu/wiki/Category:Security>

STM32H7R/S demo workshop github page

- [https://github.com/ST-TOMAS-Workshop/stm32h7s\\_workshop](https://github.com/ST-TOMAS-Workshop/stm32h7s_workshop)

# Closing Q&A



# Thank you