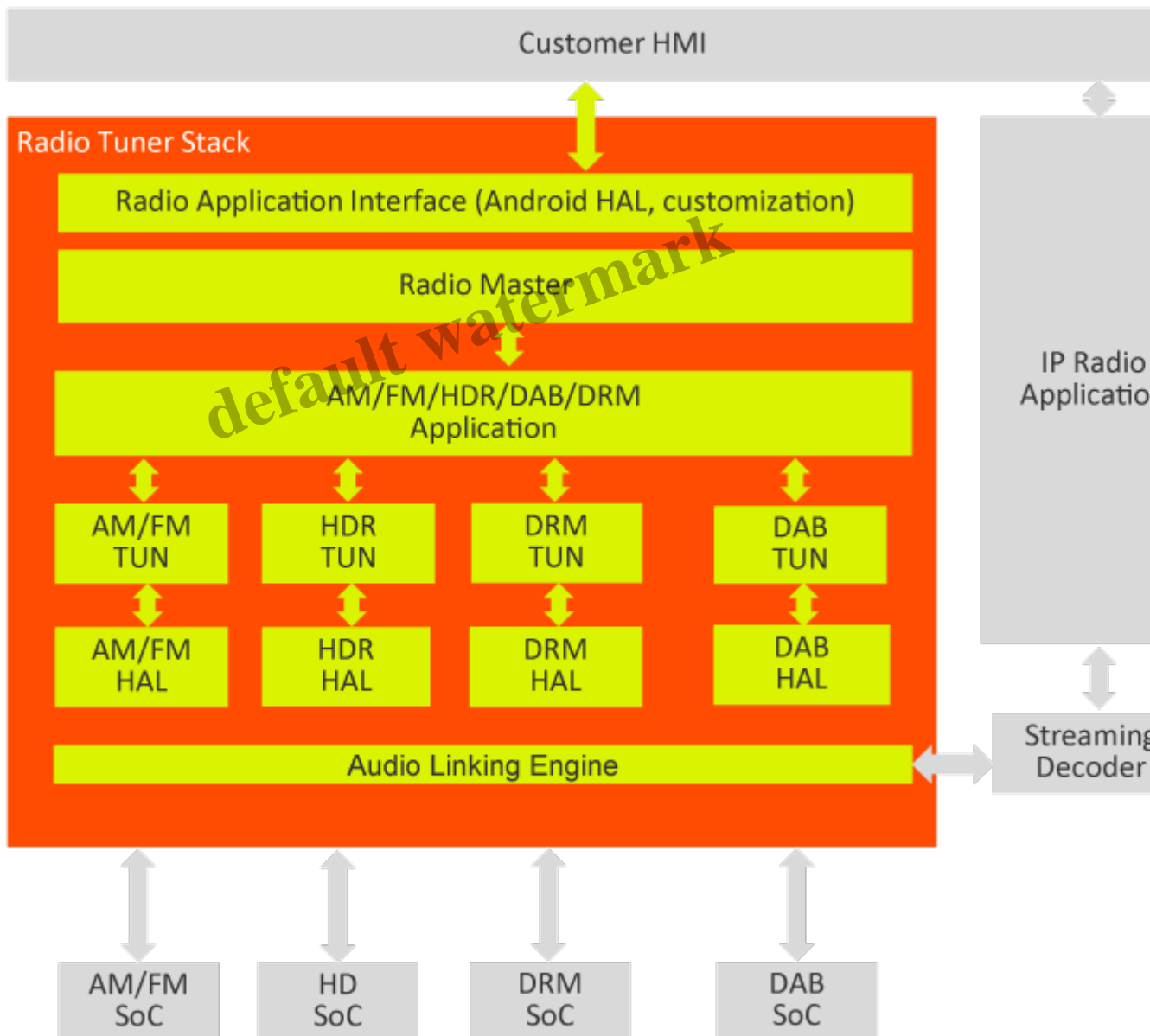


Radio Tuner SDK

Description

Radio Tuner SDK



Why a software-only radio in times of digitalization?

Discover

What is special about Radio Tuner SDK?



Worldwide coverage for all relevant reception standards AM, FM, DAB, HD Radio, DRM, CDR

<https://vimeo.com/916672294>



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Easy integration on Linux and Android platforms



Mass production proven with more than 10 years of continuous tuner development



Development time reduction by early prototyping thanks to own GUI and standard USB interface



Same quality level in every vehicle



Worldwide coverage for all relevant receptions standards AM, FM, DAB, HD Radio, DRM, CDR



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Mass production proven with more than 10 years of continuous tuner development



Easy integration on Android platforms



Development time reduction by early prototyping thanks to delivered own GUI



Same quality level in every vehicle



Automotive-grade support (Test, Validation, Certification) according to A-SPICE



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Mass production proven with more than 10 years of continuous tuner development



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More advantages of Radio Tuner SDK

- Off-the-shelf mass production software solution designed for easy integration with several broadcast radio modules
- Highly scalable: from the low-end remote tuner to the high-end head unit
- Flexible tuner control architecture from the single tuner to multiple tuner system
- Portable on various OEM-specific hardware
- Easy to adapt to new BSP and OS (e.g. Android, Linux, QNX) with a standard USB interface for rapid prototyping
- Extensive tooling support for configuration, functional verification, and evaluation
- Software Defined Radio (SDR) and Hybrid-Radio support

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Benefits

- Own GUI for rapid prototyping
- Mass production proven
- Automotive-grade support (Test, Validation, Certification)
- Development according to Automotive SPICE
- World-wide coverage for all relevant reception standards AM, FM, DAB, HD Radio, DRM, CDR (under development)
- Easy adaptable to new BSP and OS due to abstraction layers

Radio Tuner Solutions

Several radio tuner solutions supported. Extension to other solutions possible

Supported Radio Tuner SoCs

- NXP Mercury (SAF400x)
- NXP DiRaNA3 (SAF7751)
- NXP Saturn (SAF360x)
- NXP Merlin (TEF7100)
- NXP Radion (TEF3200)
- NXP Sabre (TEF7018)
- NXP TMC Tuner (TEF7006)
- Skyworks Solutions Dual Eagle (Si479xx)
- Skyworks Solutions Digital Falcon (Si46xx)
- Panasonic Amigo3.5
- Panasonic Amigo Lite2

Datasheet

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Product Slides

[Accelerating Time-To-Market with a Radio Tuner SDK over USB](#)

Whitepaper Radio Tuner SDK

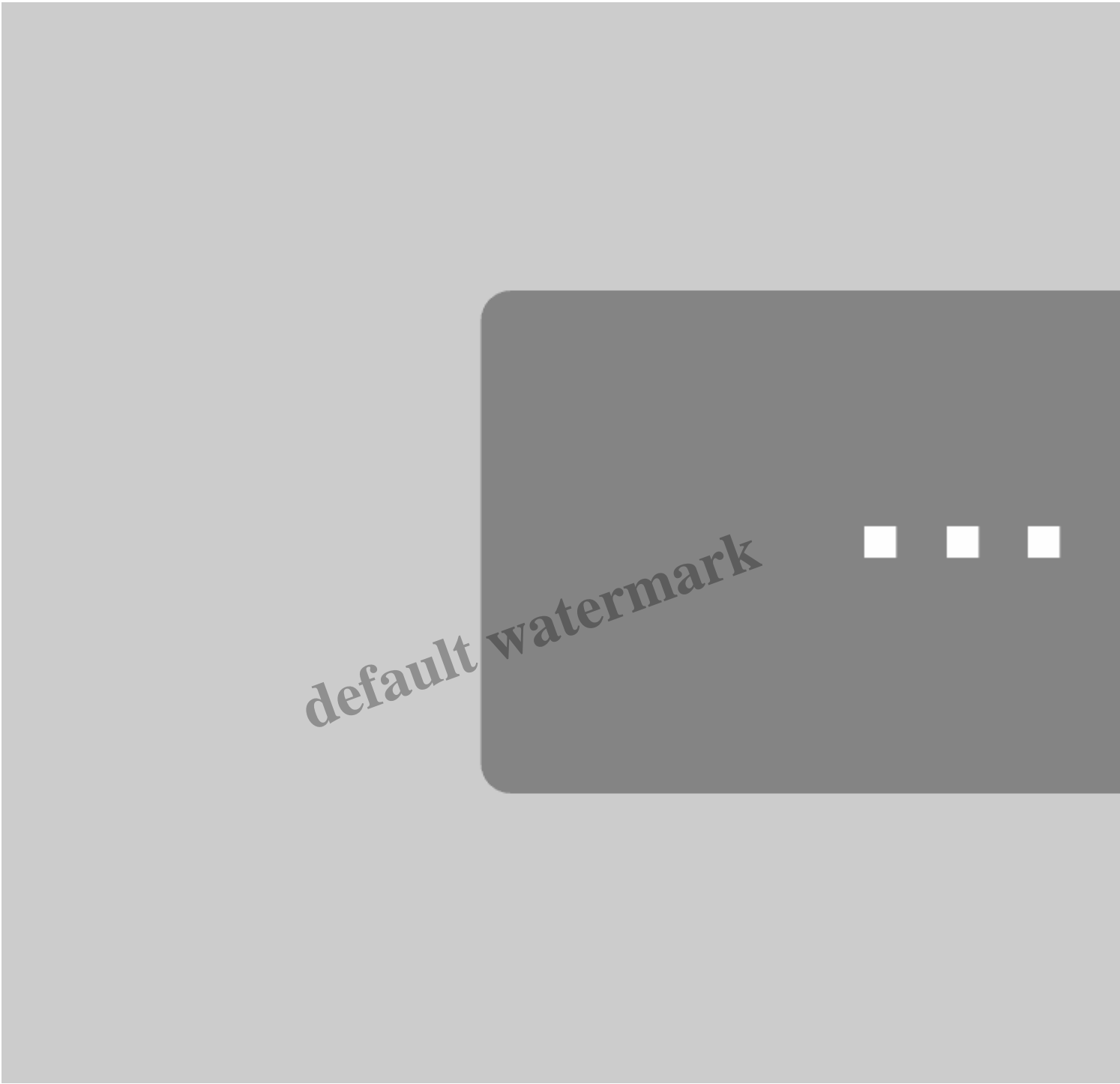
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Radio Tuner SDK

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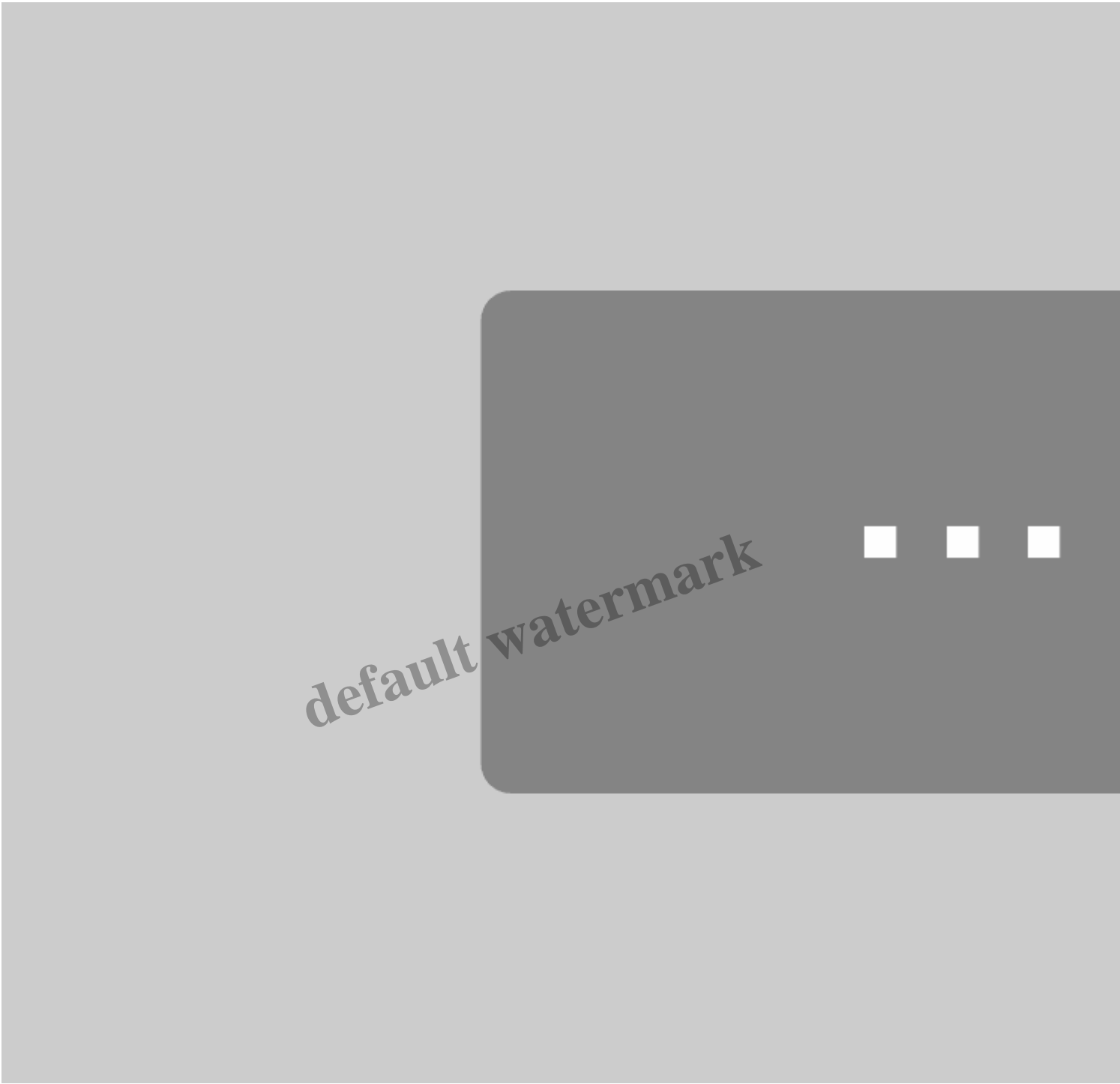
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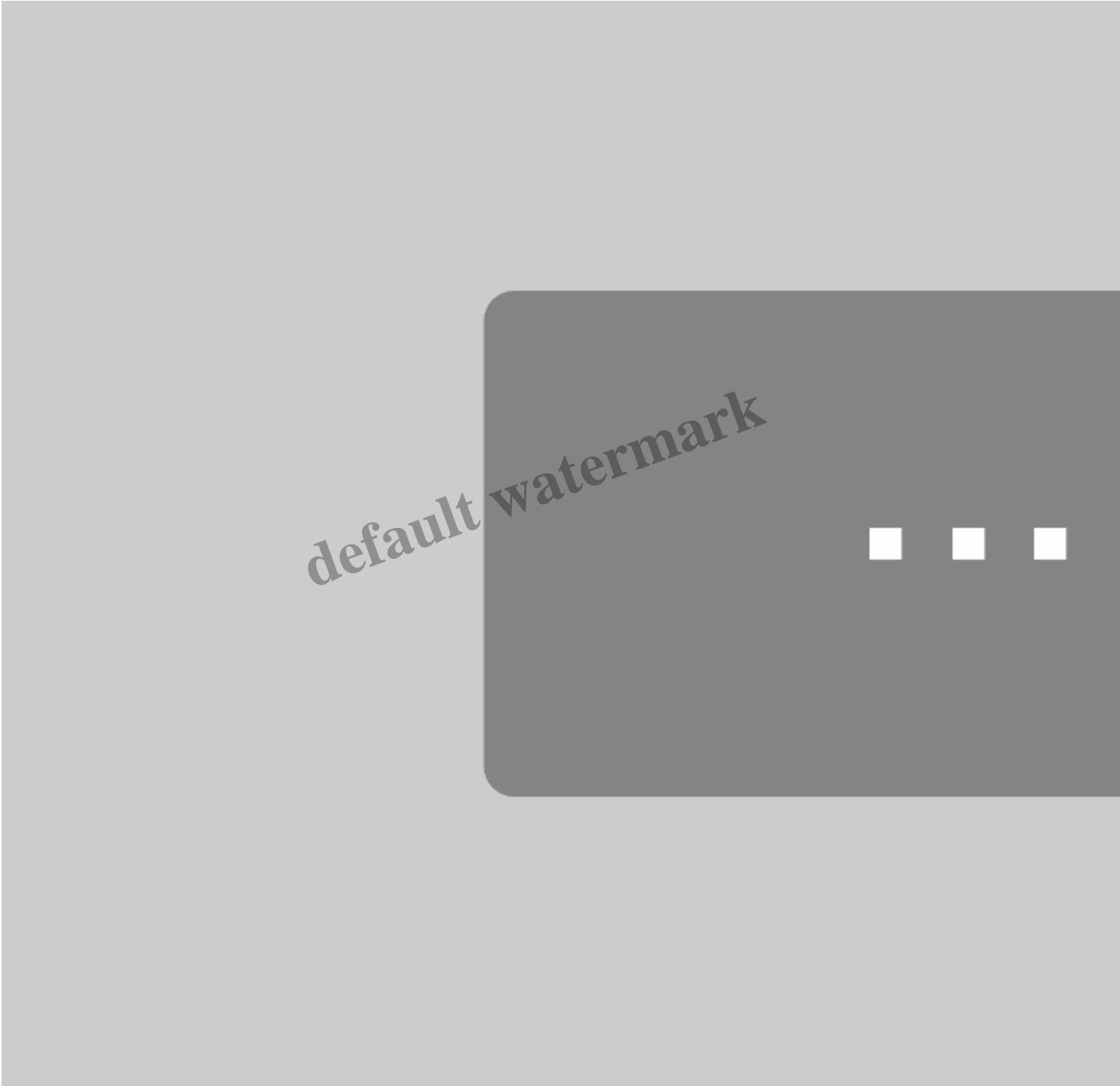
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Non-embedded radio solutions for advanced infotainment systems

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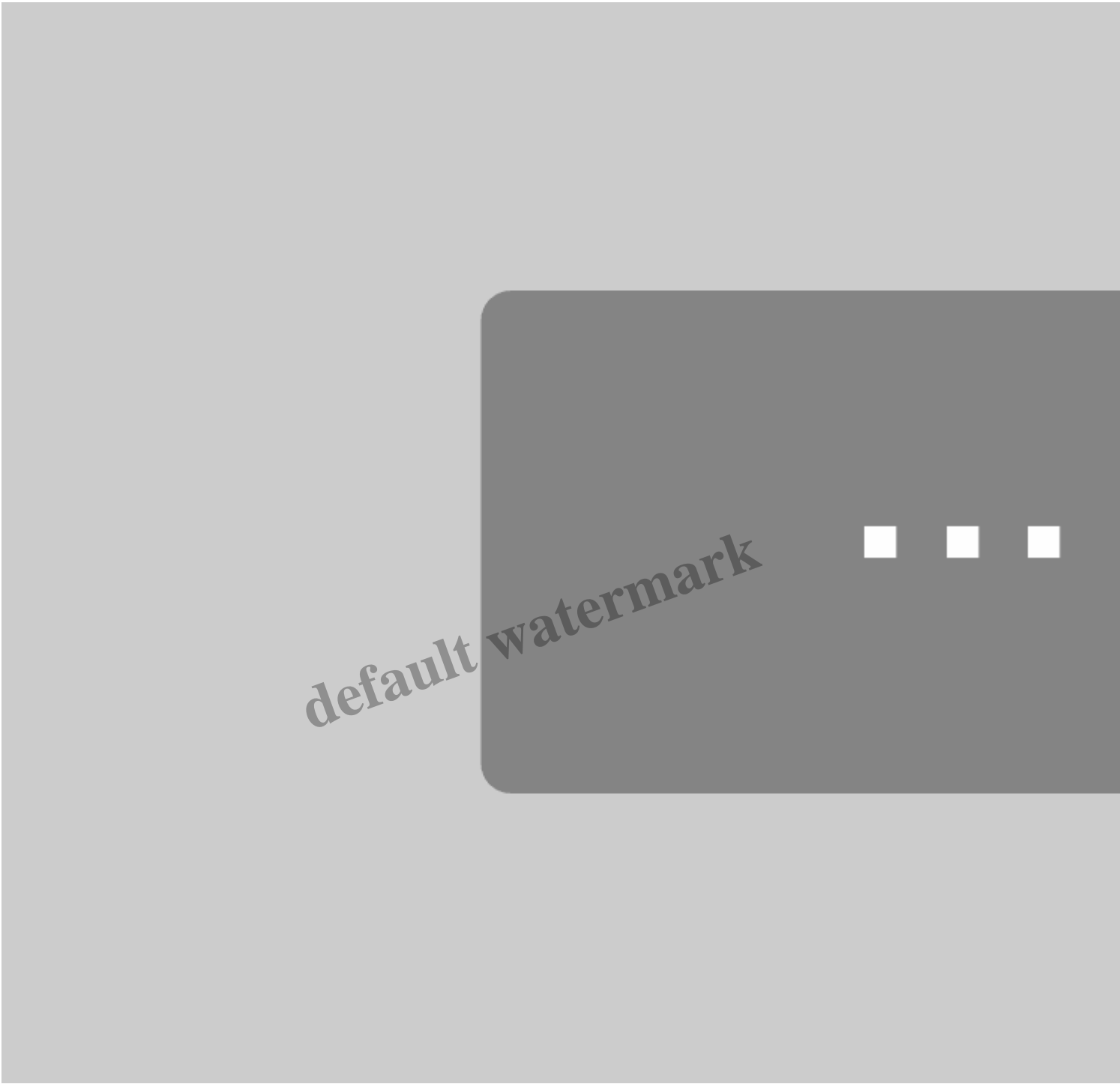
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Radio Tuner SDK



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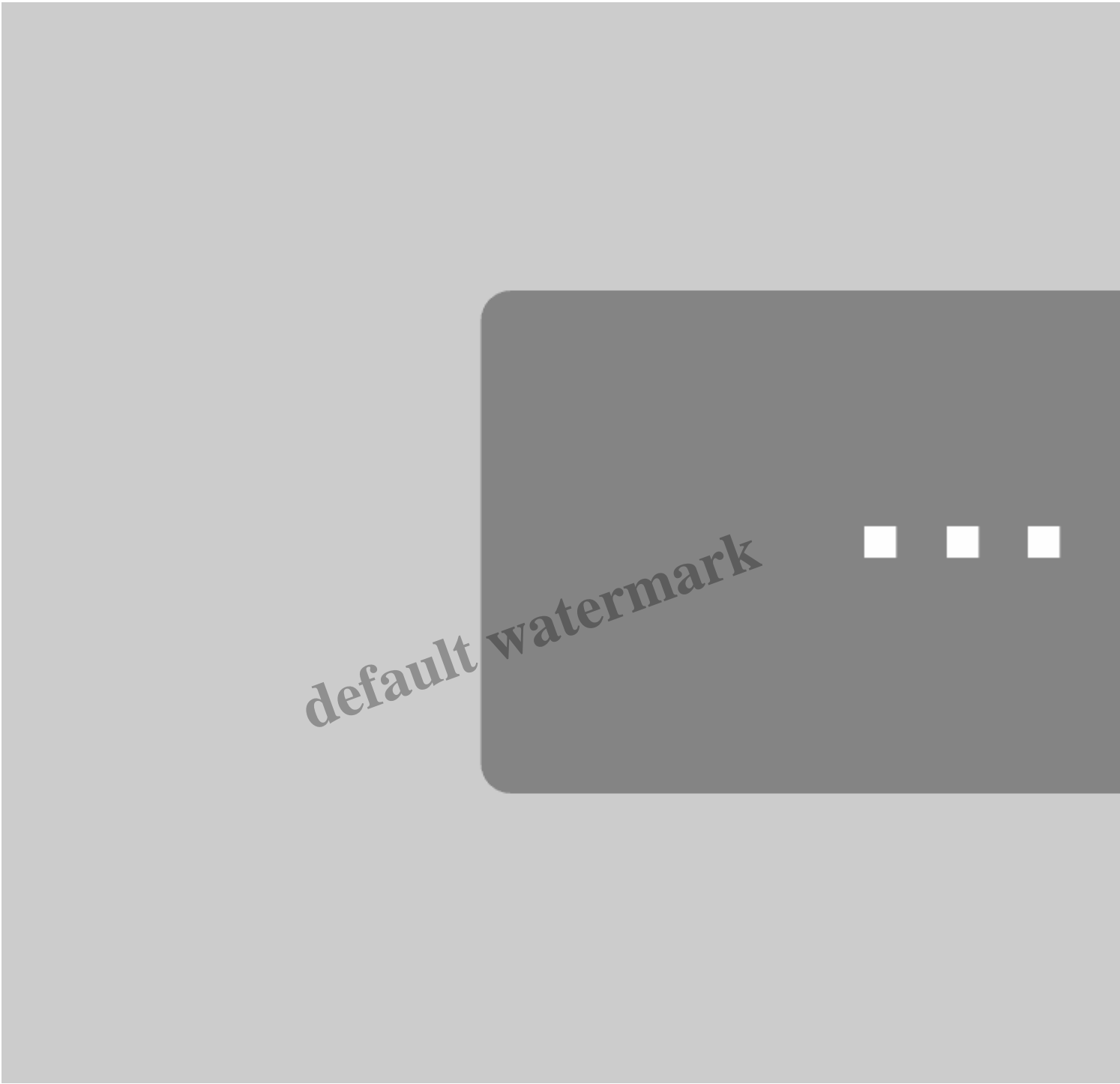
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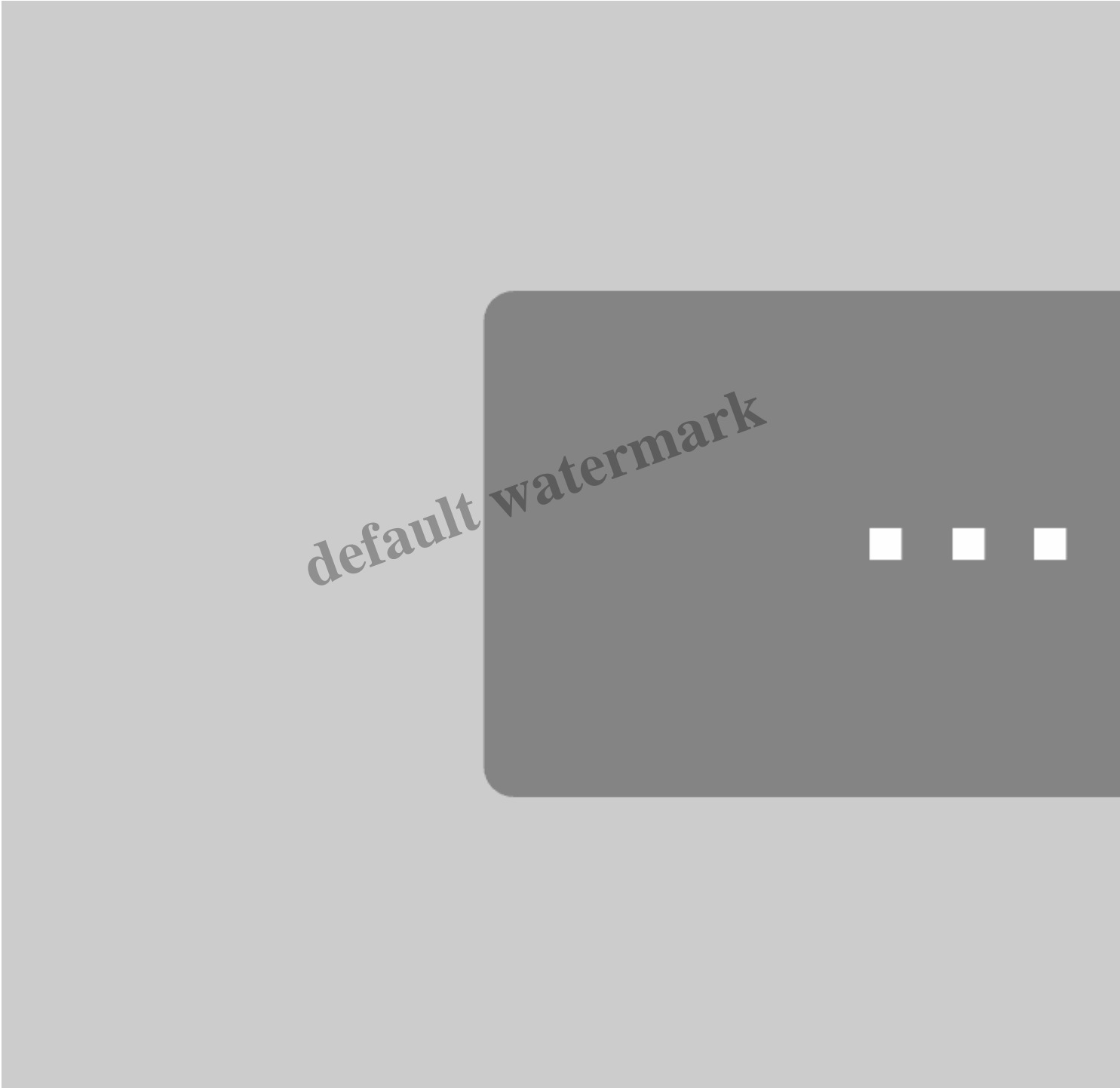
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