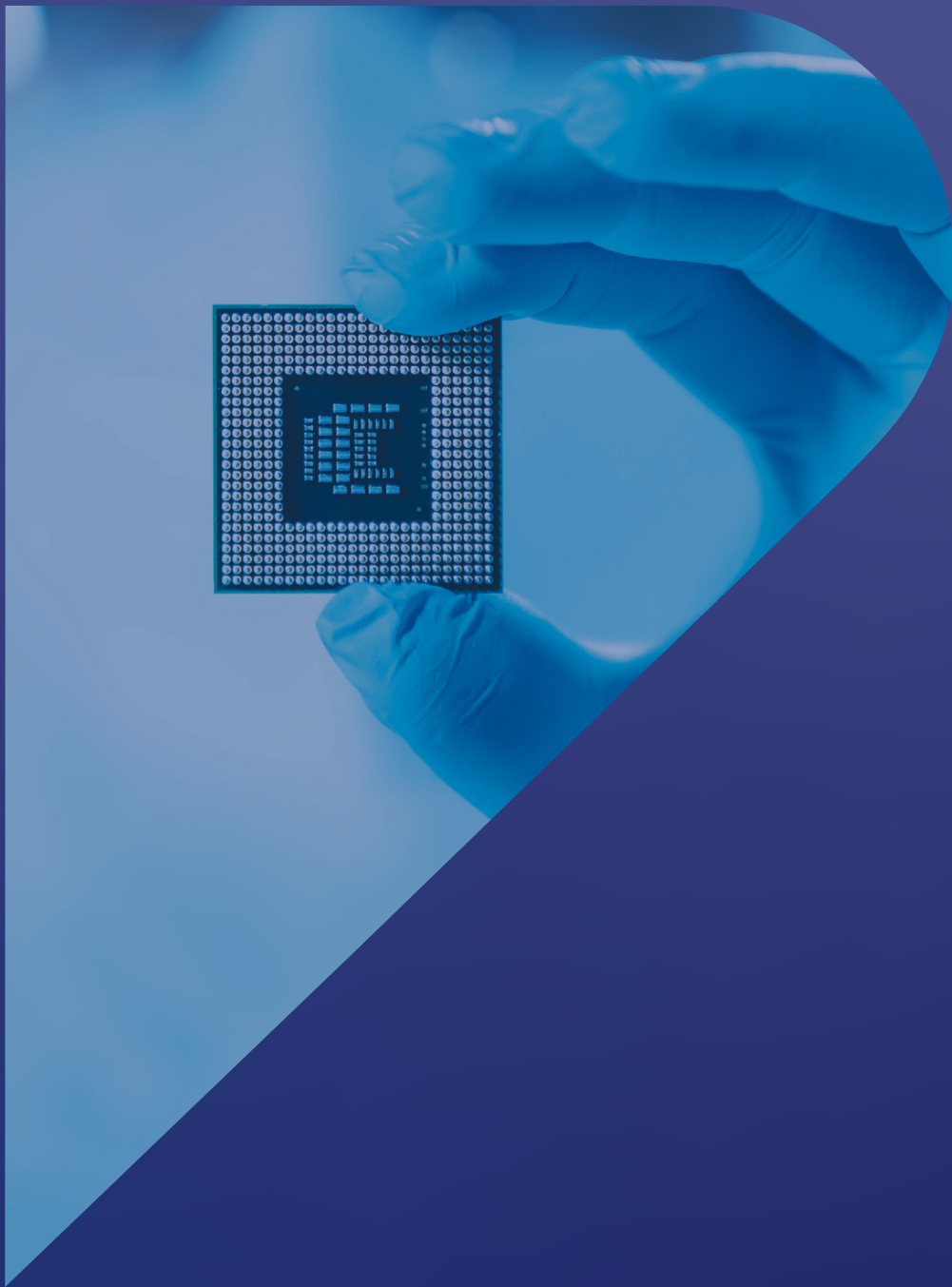




**DOLPHIN SEMICONDUCTOR
EMPOWERS YOUR CREATIVITY**

Dolphin Semiconductor is a leading provider of semiconductor IP solutions, specializing in IP design targeting markets such as Automotive, Industrial, Personal electronics and IoT.

Dolphin's cutting-edge technology IPs in Power management, High-quality Audio, Power metering and Design safety/robustness, allows their thousand customers and partners to accelerates design cycles, fosters faster time-to-market and builds products/solutions that address the challenges of any industries and support a more sustainable world.



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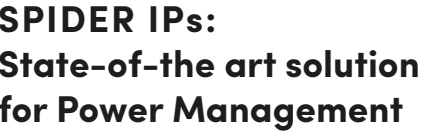
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**IP solutions
catalog
2025**



O = Roadmap

O = Roadmap



Δ = on demand O = roadmap / under development

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Phase alignment: Ensure 0° phase mismatch between channels for accurate beamforming.

PLL-less: Use standard clock available in your system and save an audio PLL.

Low latency filters: Enable μ s latency for applications like ANC or RNC.

Asynchronous interface: Enable to control your audio codec as asynchronous slave.

Power Metering Single and Tri-phase IP								
	Power supply	Class	Range	Output data rate	Power and Computation Engine (PCE)		130nm	40nm
ΣΔ 24-bit DAC	Legacy Series	2.8 V to 5.5 V	0,1	Up to 7000	4 ksp/s	Yes	✓	
	Mainstream Series	2.8 v to 3.3 V	0,1	Up to 7000	4, 8, 16, 32ksp/s	Yes		✓