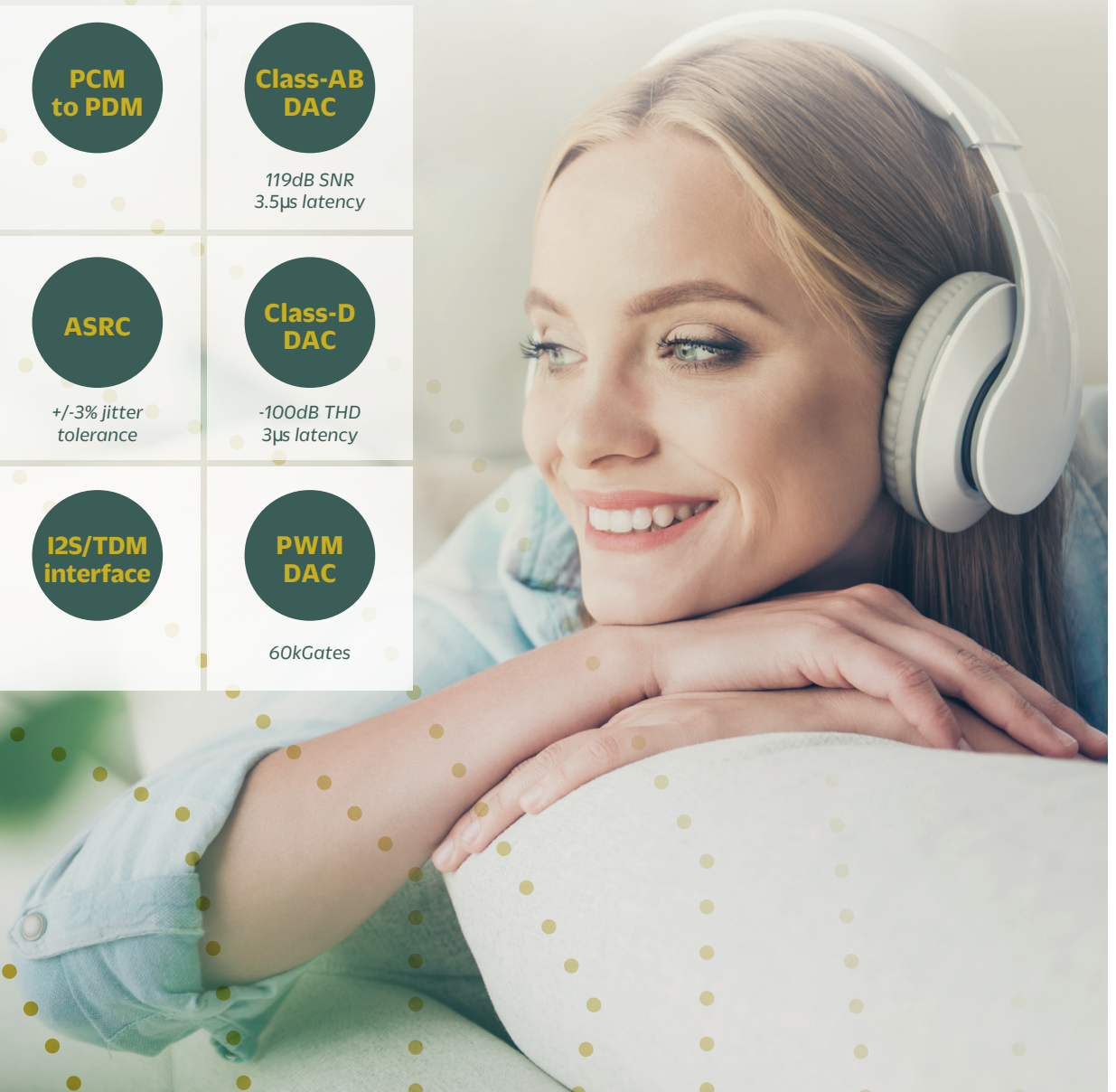


Application-optimized audio IPs

Enabling HiFi and enhanced audio experience lasting days

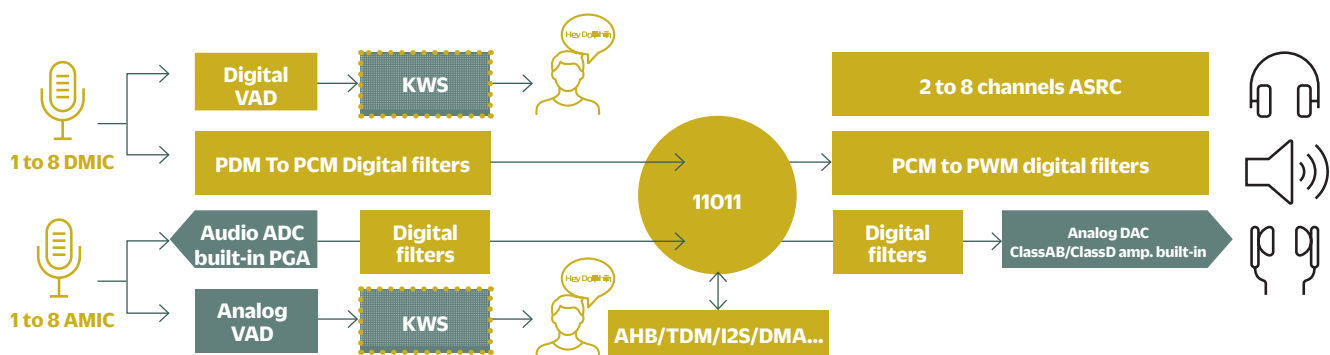
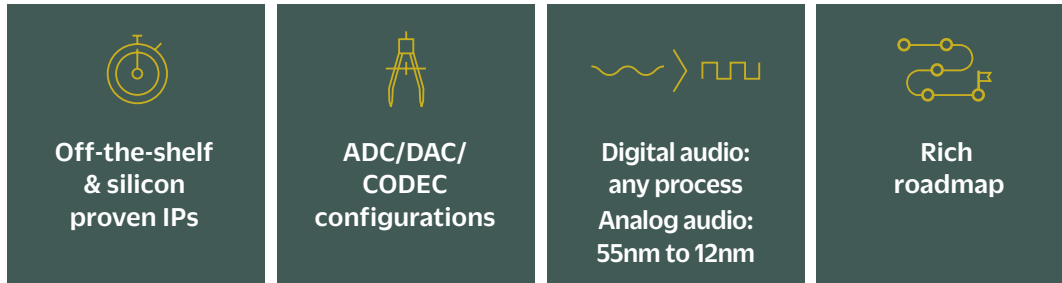
- High-resolution with ultra-low power audio converters configured on demand with unique built-in features

ADC 155 μ A 3 μ s latency 106dB	PCM to PDM	Class-AB DAC 119dB SNR 3.5 μ s latency
PDM to PCM	ASRC +/-3% jitter tolerance	Class-D DAC -100dB THD 3 μ s latency
Voice Activity Detector 8 μ A	I2S/TDM interface	PWM DAC 60kGates



ONE IP. EVERYTHING INSIDE

Full-featured audio IP platform enabling various kinds of audio-related applications



Enabling best recording & listening experience

<p>ANC enablement</p> <p>Noise Generated anti-noise</p> <p>Ultra-low latency digital filtering</p>	<p>Beamforming enablement</p> <p>0° phase-mismatch between audio streams in all conditions</p>	<p>VUI enablement</p> <p>Microwatt Voice Activity Detection</p>	<p>Multi-stream enablement</p> <p>+/-3% clock mismatch compensation on 2 to 8 channels</p>
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