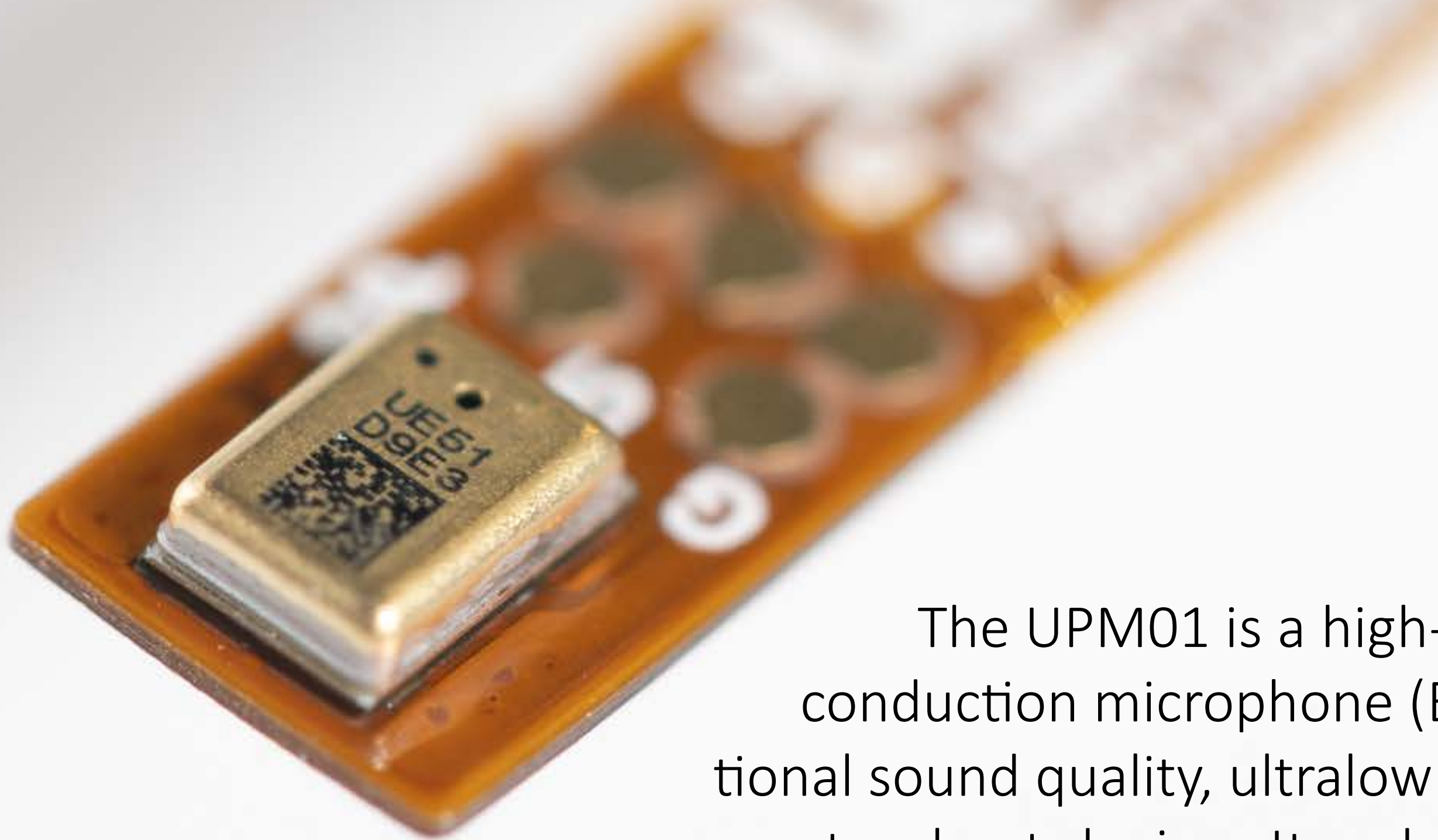


ALL SILICON MEMS BONE CONDUCTION MICROPHONE

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The UPM01 is a high-performance MEMS bone conduction microphone (BCM) that offers exceptional sound quality, ultralow power consumption, and a compact, robust design. Its advanced features and bone conduction technology make it an ideal choice for a wide range (Bandwidth 10Khz) of applications where high - quality voice capture is essential.

WHY CHOOSE US?

- ✓ 2.5X-4X Higher-bandwidth
- ✓ 18 patents protection
- ✓ 6.5X Automatic speech recognition performance
- ✓ 2X Perceptual evaluation of speech quality

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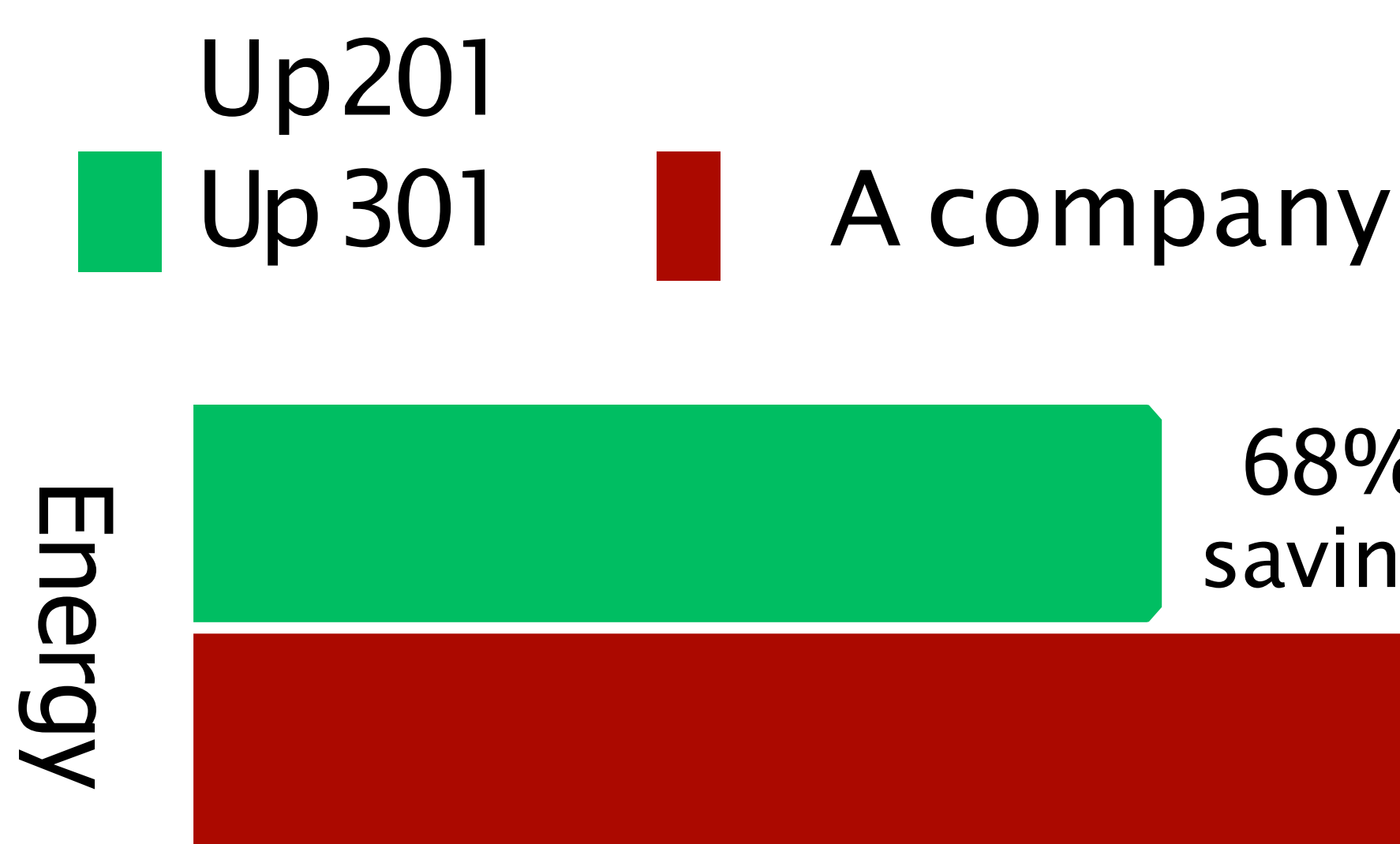


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uW AIOT RISC-V SOC



Why choose Upbeat Tech ?

> Ultra-low Power

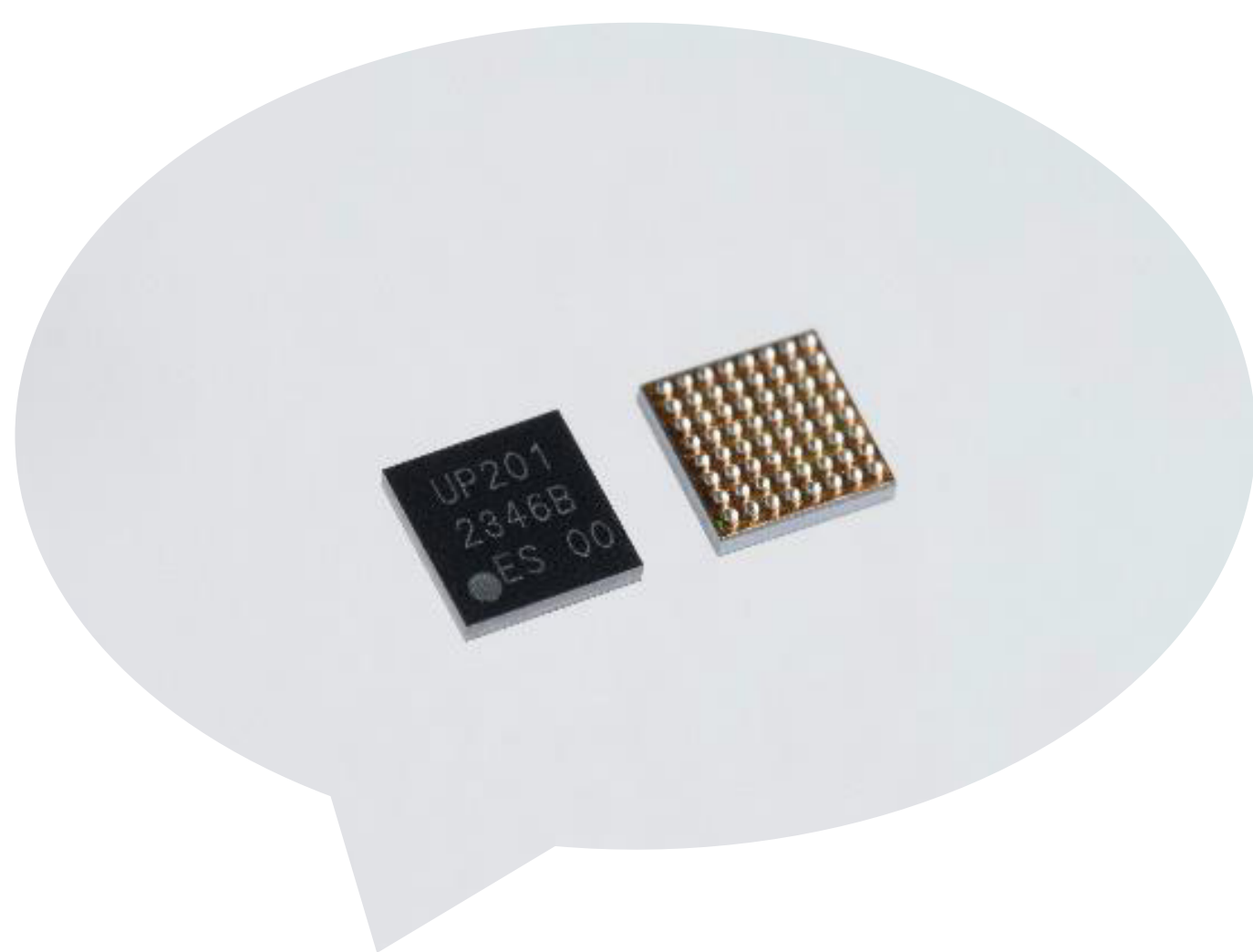
This dual core RISC-V SOC is equipped with an AI accelerator and enable Near Threshold Computing, resulting in a significant reduction in power consumption.

> Small size

Redefining wearable tech with our Compact chip (Up201: 3mmx3mm/ Up301:5x5) Big on features, small on size, elevating comfort in every wearable and functionality experience.

> Security

PUF technology generate truly random number which is unique and unclonable, a silicon "fingerprint" for a wide range of security purposes, including encryption, identification, authentication, security key generation, etc.



Embrace Efficiency with Our Dual core, Ultra Low-Power SOC, Where Smart Wearable Device Meets Long-lasting Performance for a Seamless and Sustainable Lifestyle.

Always-on and
Non-Always-on sensor,
Parallel processing.