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Vizle



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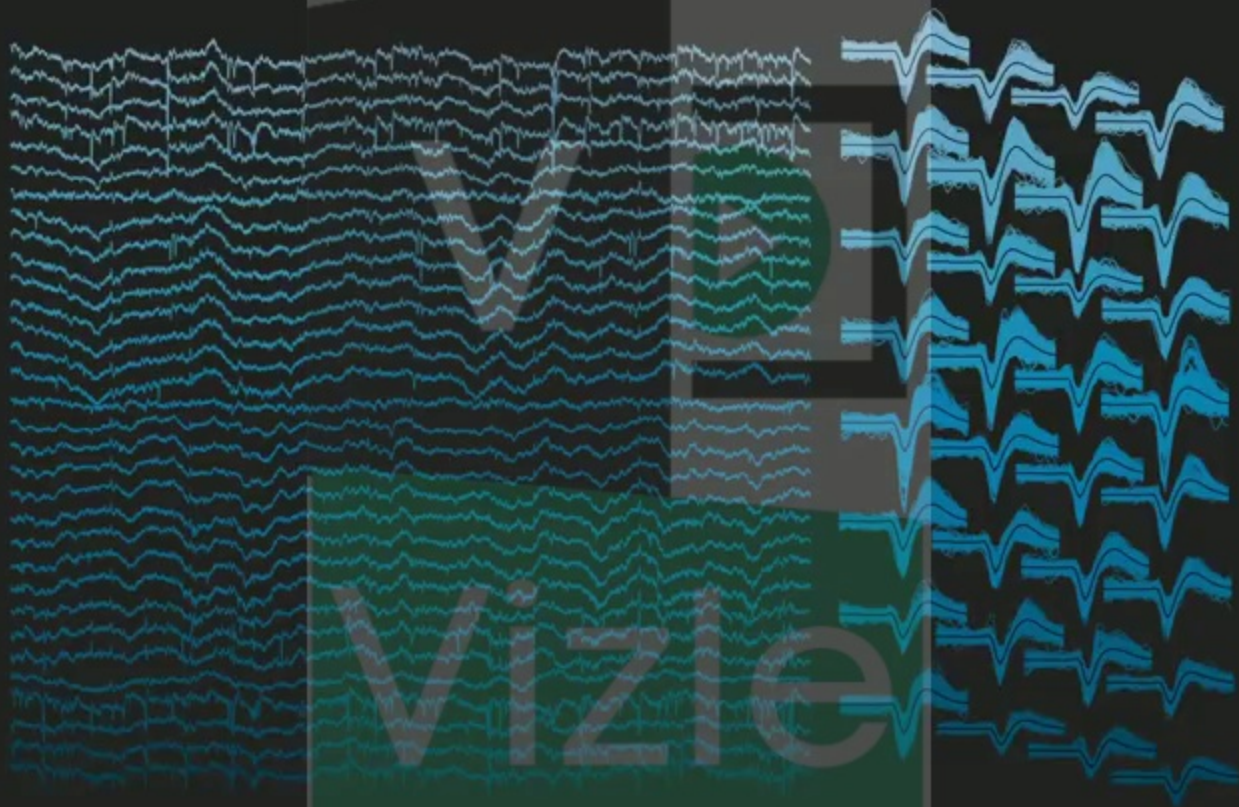


V



Neurons

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**1957**

Cochlear implant

**1991**

Utah array

**1997**

Deep brain stimulation for Parkinson's

**2002**

First major demonstration of closed-loop  
brain-machine interfacing in monkeys

**2009**

BrainGate2 academic consortium

**2013**

Responsive neurostimulation for epilepsy

## **Decoupling implantation and the leads**

**Thin-film polymer leads**

**Advanced custom chips**

**Neural decoding**

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**Small and flexible**

**Airtight packaging**

**Stimulation-friendly**

**Scalable**

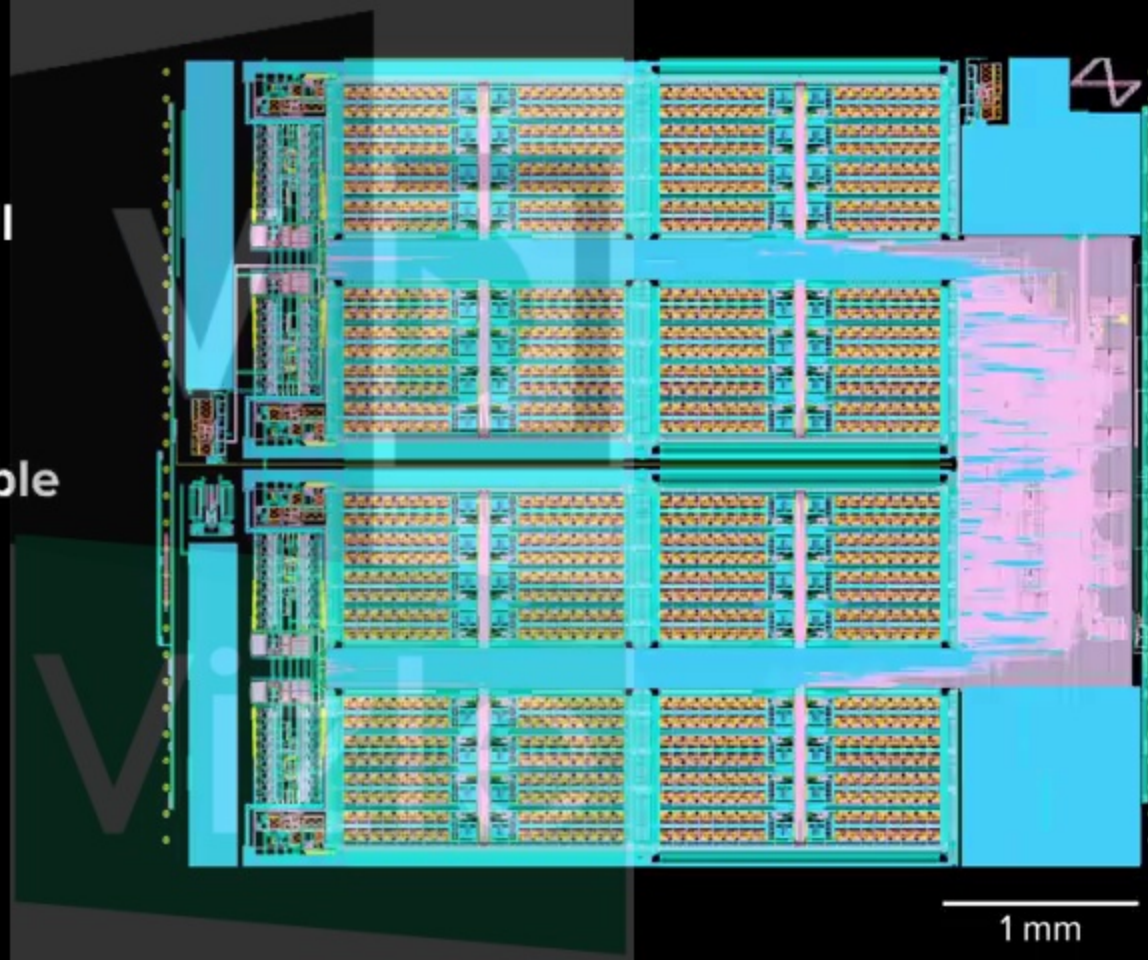
**Long-lasting**

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Physically small

Low power

Highly configurable



1 mm





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