



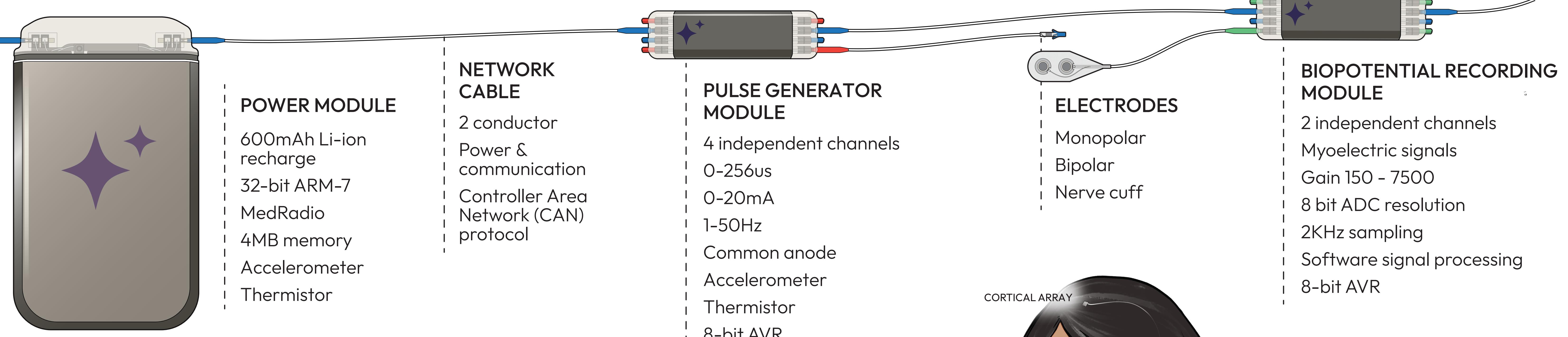
Open Source Human Implant
Funded by NIH SPARC
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COSMIIC

world's first open source neuromodulation platform and community

OPEN SOURCE COMMITMENT

- All design files and documentation available
- Maximally permissive open source licenses
- Open to any purpose or modification
- Modifications can be protected and commercialized



SYSTEM IN USE

- 8+ years ongoing human experience
- Active early feasibility Investigational Device Exemption (IDE)
- Collaborators integrating new modules to target mobility, pain management, and brain-computer interface (BCI) control



IN DEVELOPMENT

- NOVA**: 64 channel recording, 32 channel stimulation
- SWARM**: Remote powered interstitial measurement unit
- NECTAR**: 20KHz electrical nerve block
- WING**: Wireless link for wearable sensors, Battery charger, Surface stimulator, Evaluation kit

TIMELINE

2024

- ✓ cosmiic.org opened to public
- ✓ IDE documents released
- ✓ COSMIIC System hardware designs released

2025
PART 1

- Release of COSMIIC System firmware and software
- Grant writing assistance

2025
PART 2

- Release of new integrated module designs
- Full documentation set of COSMIIC System

2026

- COSMIIC SDK freely available
- Release of pre-clinical COSMIIC System
- Modules available for purchase

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