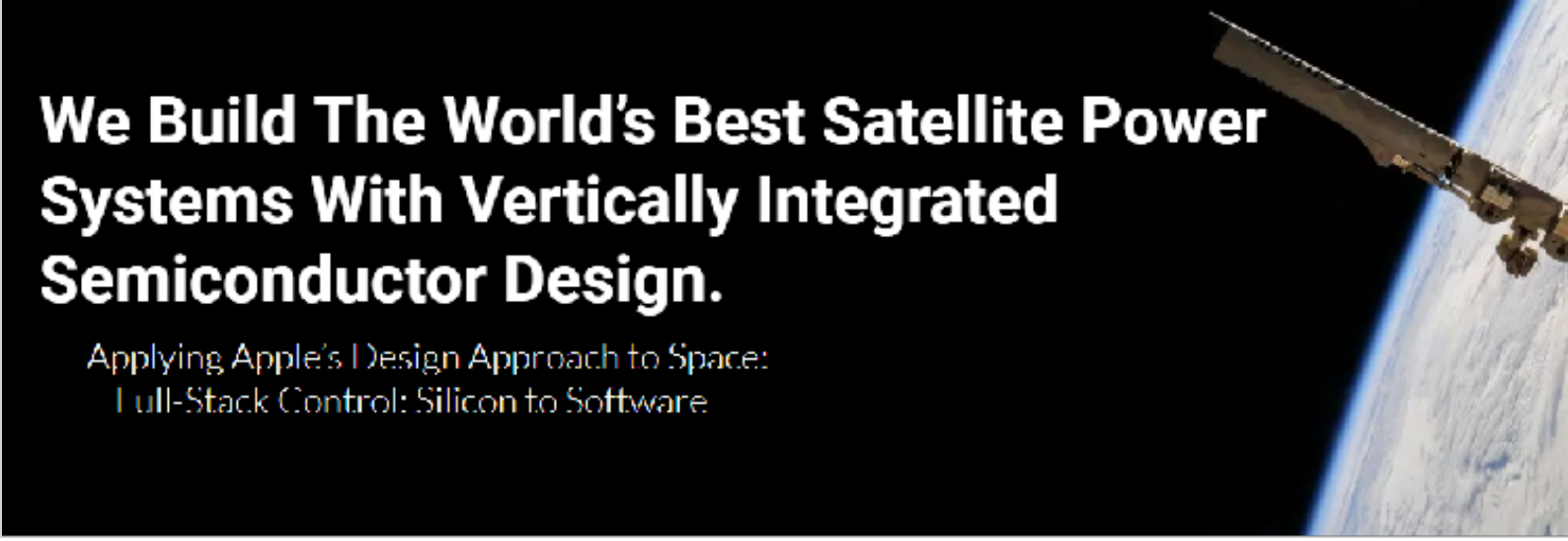


SPHERICAL SYSTEMS

"Accelerating Space Technology Through Agile Semiconductor Design."

About us

SPHERICAL enables customers to move faster in their satellite design and assembly while removing project risk. We build satellite subsystems that are both software-configurable and highly reliable. This means that we can deliver standard products that avoid custom engineering, long lead times and delays. The company was founded in 2022 by two Aerospace Engineers and has received €1.2M in funding towards the development of its first power subsystem.

Solutions

Our Power Conditioning and Distribution Unit is available in three power classes, ranging from 300W to 15kW.

With our approach, we can affordably offer:

1. LEO/MEO/GEO capable systems: 100 krad TID, 65 MeV·cm^{2}mg SEE
2. High Performance: >5x higher Power Density
3. High reliability: >10 years Lifetime
4. Software Configurability: TMTC, inputs/outputs and the design of application specific semiconductors.

Company highlights

SPHERICAL's engineers have experience in the design, qualification, assembly and test of some of the most popular satellite power systems. SPHERICAL has deep experience in the design of satellite power systems both with COTS components and the design of application specific semiconductors.

Company facts

- Founded: 2022.
- Customer projects: 2.
- Team: 10+.
- First product chip tape-out completed in November 2023.
- Funded in-orbit demonstration on SpaceX Transporter-14.



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Connect