

# GPS Quantum Chipset



**DIRECT  
KINETIC  
SOLUTIONS**

## Problem

**Portable devices run out of power and need to be maintained**

## Solution

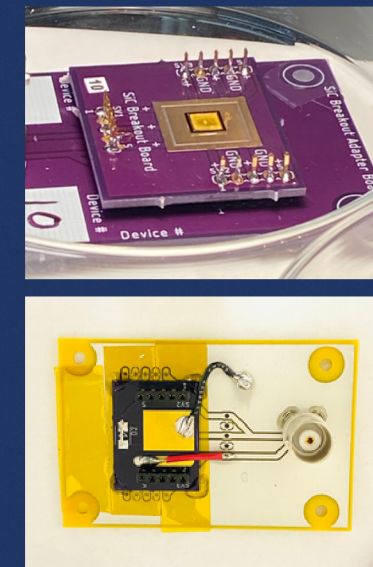
**A persistent power source the size of a stamp that generate power and virtually eliminates the need for maintenance while extending a deices useful life**

- ✓ Extend device useful life
- ✓ Significant reductin in maintenance
- ✓ Less need to carry batteries into mission (typically 25% of the weight carried)
- ✓ Maintain the form factor advantage
- ✓ Widely applicable in IoT market with defense and commercial customers alredy aligend

BAE Systems MicroGRAM-M  
GPS Receiver



DKS Quantum Cell  
Real life designs



## Team

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**NASA**  
\$6,000,000



\$3,675,000



\$625,000



\$30,000



\$65,000

**2019**

**2020**

**2021**

**2022**

**2023**