



One Silicon Chip Photonics

Enabling the future of autonomous navigation



Company Overview

We build inertial navigation system for autonomous vehicles (AV). We integrates all components inside current IMUs in the market on a single chip using Photonics Integrated Circuits (PICs) technology, leveraging standard semiconductor wafer processing (using fully automated robots during manufacturing process), resulting in scalable, compact, low power, and most importantly cheaper IMU that is affordable for AV manufacturers

Problem

Manufacturing process of current inertial measurement units serving the autonomous vehicle industry are labor intensive and as a result not scalable, therefore are bulky, power hungry, and expensive. An automated manufacturing process is needed

Go-To-Market Strategy

We reach out to drone and robot manufacturers and build a pilot project with them and demonstrate our product on their vehicle and get a PO after

What Makes Us Special

Our scalable automated manufacturing process that allows us to offer IMU at fraction of size, power, and cost

Financial Info

Raising

\$1.5M

Valuation

\$10M

Business Stage

Seed

Business Type

Sustainability, Mobility, IoT, CleanTech , B2B, Technology, Engineering

Meet the Team



Kazem Zandi
CEO