



NanoGam

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RCTEM

'ותם תעשיות בע"מ Rotem Industries Ltd



NanoGa

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Space Autonomous Mission for Swarming and Geo-locating Nanosatellites



NanoGam in short

Goal:

- All-sky Gamma-Ray Burst monitoring
- Economical platform for testing scintillators and light sensors
- Off the Shelf GRB Module
 - low-cost, -volume, -weight, -power consumption GRB triggering module
 - Can be easily adopted by any small or big space mission for high-energy astrophysics

Practically: Two or three 3U CubeSats

- 2U "spacecraft" platform power system, GPS, attitude control, communications
- 1U detection unit, not necessarily identical (scintillator, configuration, concept)

Concept 1: Shrunk GTM



Concept 2: Coded Array

Borrowed from a sundial Inspired by coded-mask aperture





GTM for ISS-TAO

Thank

you



SAMSON Components View





