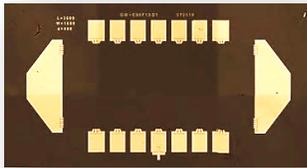
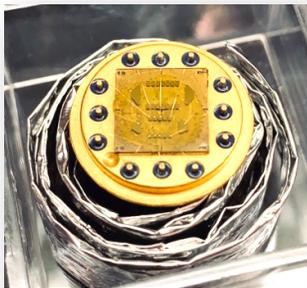


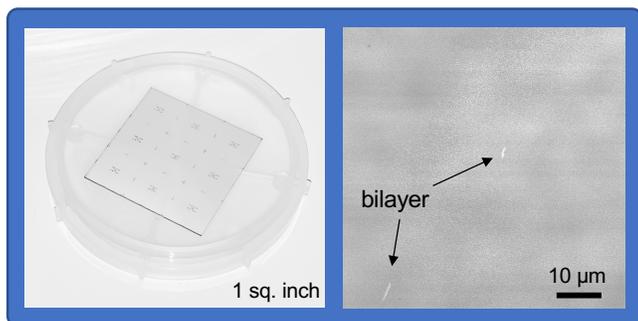
## A Leading Supplier of Graphene-based Quantum Hall Effect Chips and Epitaxial Graphene Materials

### Quantum Hall Effect Chips



- QHE migrant out of NMI laboratories.
- Made from high-quality epitaxial graphene.
- Hall bar size:  $\mu\text{m}$  – mm.
- Fabricated in clean room class 100.
- Invariant resistance standard with accuracy of  $10^{-8}$ .
- Compatible with cryogen-free cryocooler.
- Require **no expensive cryogen**.
- Require **no control on ambient laboratory condition**.

### High Quality Graphene



- Graphene is a single-atomic thick layer of carbons, an allotrope of carbon, like graphite and diamond.
- Our high quality graphene is on silicon carbide substrate, < 5% graphene bilayers and towards wafer-scale.

### NCSLI 2019 Technical Programs

- August 27, 1D, A Compact Table-Top Implementation of the Quantized Hall Resistance Standard
- August 28, 6C, NIST on a Chip (NoaC): A Revolution in Metrology