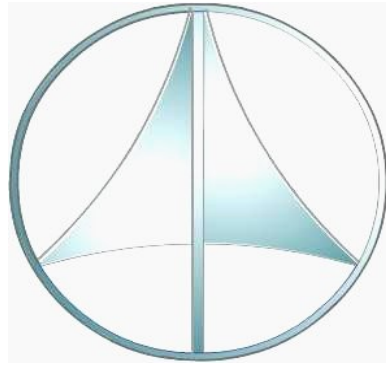


 **ENERGY & SPACE**  
INTERNATIONAL PRESENTATIONS

**2012-2013**



**Energy & Space**

***International  
Presentations***

**2012 - 2013**

# Advanced Electronics

3D Printed Circuit Boards

3D Printed Circuit Boards  
for Solder-Free Printable Electronics

4x4 Vehicles Arduino WiFi Android Controllers

Android G1 Serial to Arduino Robot

Animatronics

**Animatronic Wireless Hand Arduino**

**Arduino EEG**

**Arduino ElectroMagnetic Field Detectors**

**Arduino Home Automation**

**Arduino Lens Controller**

**Arduino Magnetic Card Readers**

**Arduino Motor Shield**

**Arduino Nano Based MicroBot**

**Arduino Seismic Activity Monitors**

**Arduino Solar Trackers**

**Arduino Solar Trackers Servo 2-Axis**

**Arduino True Random Number Generator**

**Arduino Wireless Animatronic Hand**

**Audio-Voice sent over Beam Light**

**Bacteria Built Circuits**

**Bar Code Systems Invisible**

**Beam Light sent Audio-Voice**

**Belts Nano SemiConducting**

## Bendable Displays



## BioChips

## BioLogical Electronic Interfaces

## BioLogical Transistors

**BioMedical Computation**

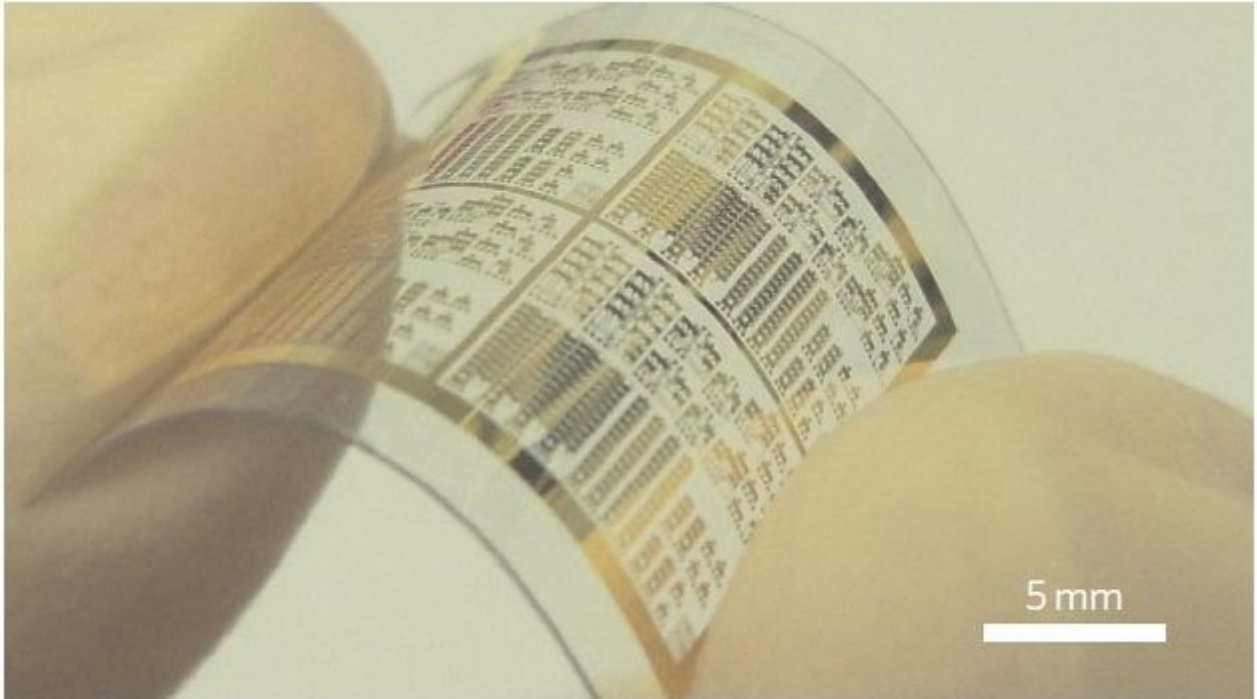
**Bionics**

**Brain Like Evolutionary Circuits**

**Carbon-based Electronics**

**Carbon Fiber ElectroConductive Cables**

## Carbon NanoTubes Transistors



## CellBorgs

## CellPhones Gloves

## Ceramics Electronics



**Chemical Circuits**

**Chips Nano Self-Assembled**

**Chips Nano Self-Assembling**

**Chips Photonic**

**Chips NanoTubes**

**Chips Vision**

**Circuit Boards Printed 3D**

**Circuit Boards Printed 3D  
for Solder-Free Printable Electronics**

**Circuits Built by Bacteria**

**Circuits Chemical**

**Circuits Evolutionary Brain Like**

**Circuits Logic Push-Button NanoElectronics**

**Circuits NanoScale**

**Circuits Optical**

**Circuits Optical NanoSpheres**

**Circuits Photonic**

**Circuits Photonic Organic Polymers**

**Circuits Plastic NanoWires**

**CMOS NanoScale**

**Computational Biology**

**Computation Liquid**

[Computation Nano DNA Crystals](#)

[Conductive Crystals](#)

[Crystals Conductive](#)

[Crystals Nano SemiConductors](#)

[Cylinders Nano Polymer Electronics](#)

[Detectors ElectroMagnetic Field Arduino](#)

## Displays Bendable



## DNA Chips

## DNA Circuits

## DNA Crystals Nano Computation

**DNA Electronics**

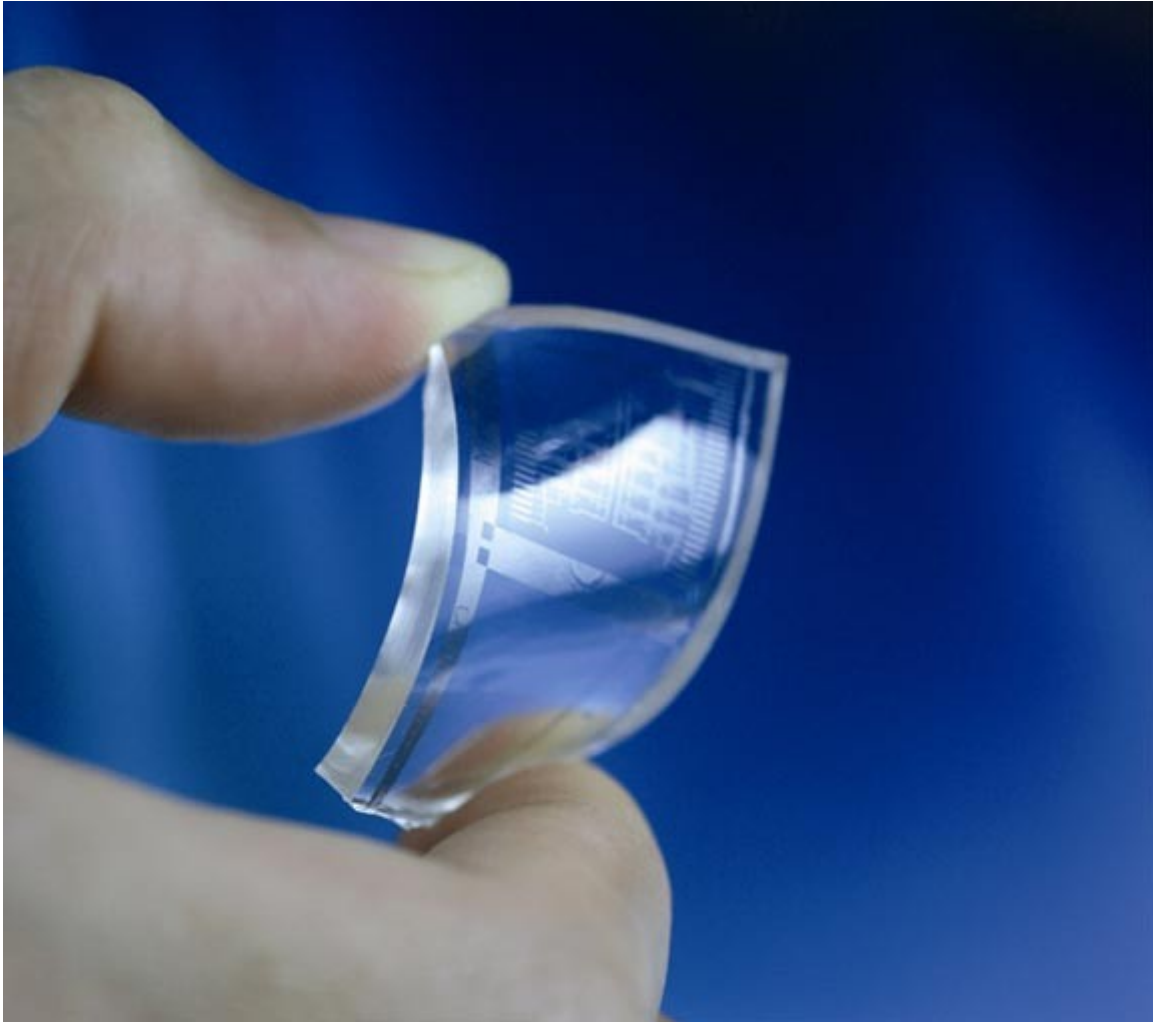
**DNA Rewritable Digital Data Storage**

**Dots Quantum**

**E-Paper**

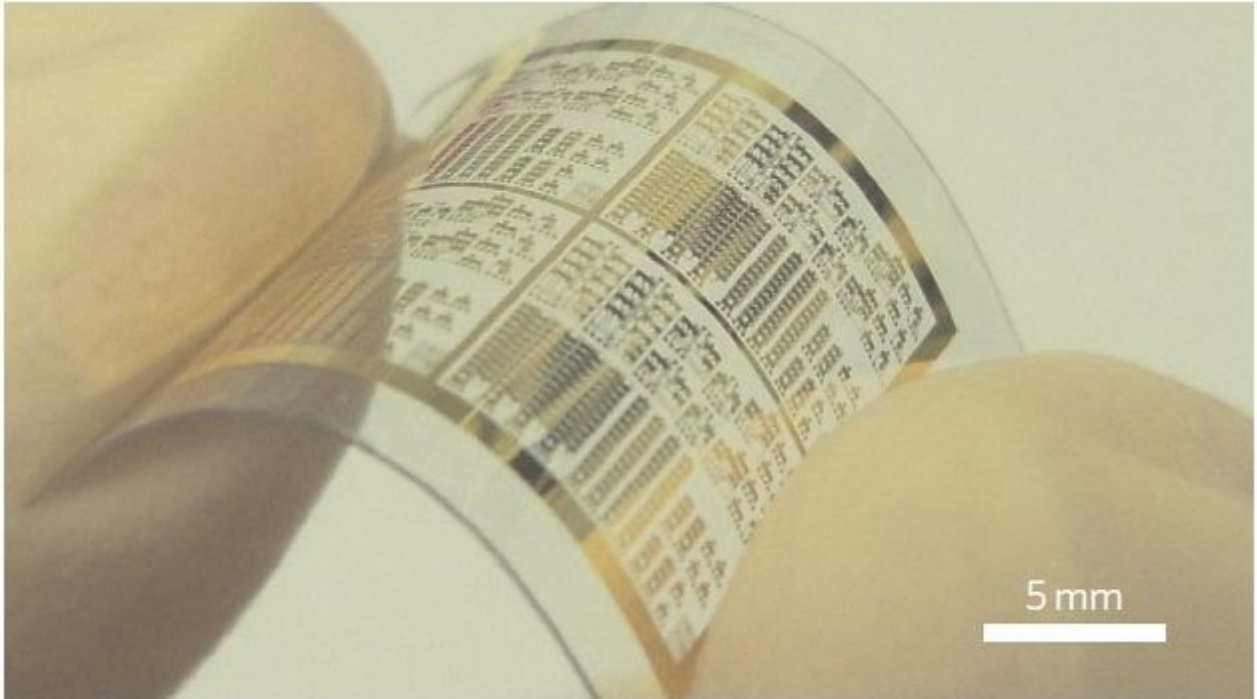
**EEG Arduino**

## Electrodes Graphene Stretchable



## ElectroMagnetic Field Detectors Arduino

## Electronics Flexible



## Electronics MIL Standard

## Electronics NanoWires

## Electronics NanoWires Printable

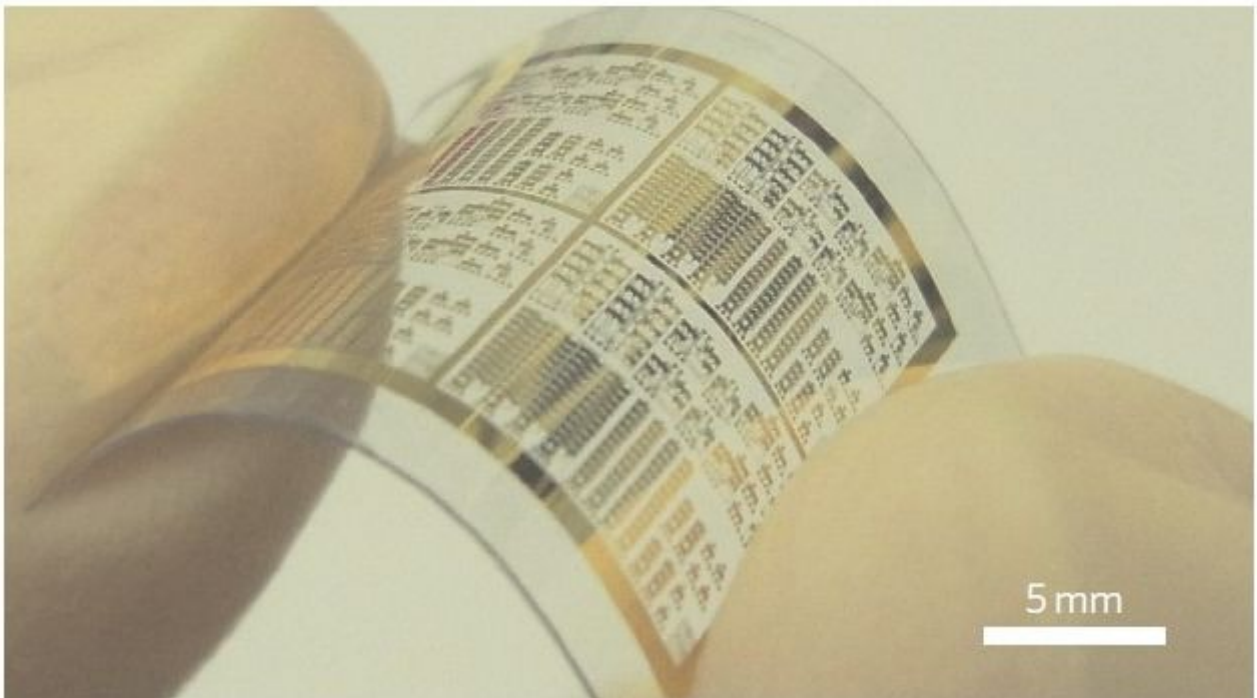


## Electronics Polymer Nano Cylinders

## Electronics Printable NanoWires

## EyeWriter

## Flexible Electronics



# Flexible Stretchable Electronics

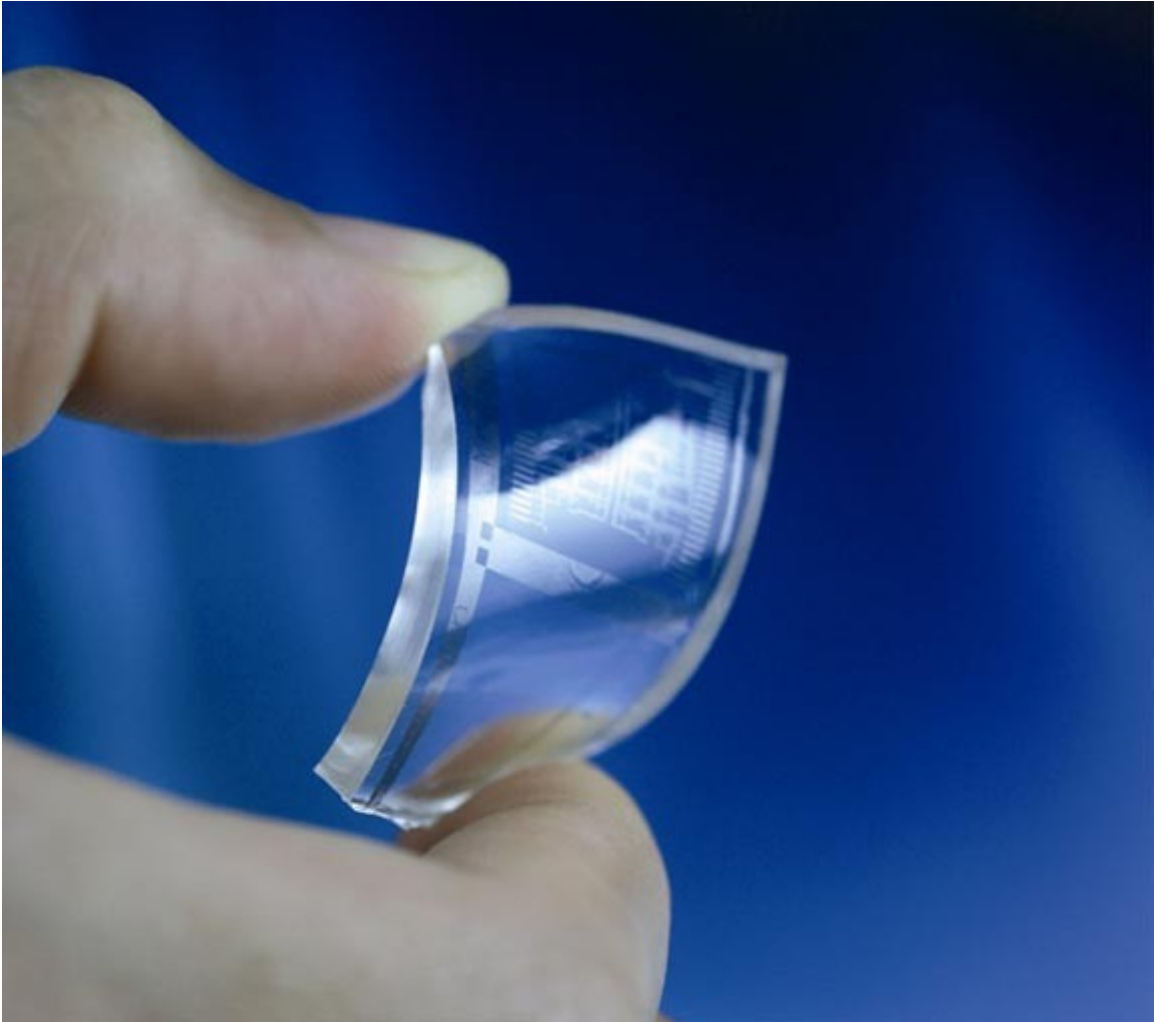
Genetic Ink

Glonass-GPS Receivers

Gloves CellPhones

Gloves Power

## Graphene Electrodes Stretchable



## Graphene Electronics

## Graphene Quantum Dots

**Graphene Transistors Smallest**

**Home Automation Arduino**

**Image Sensors**

**Invisible Bar Code Systems**

**Lab-on-a-Chip**

**Laser Computers**

**Learning Through Visual Cortex**

**Lens Controller Arduino**

**Light Pulse Electronics**

**Liquid Computation**

**Litography Entangled Photons**

**Logic Circuits Push-Button NanoElectronics**

**Magnetic Card Readers Arduino**

**Magnetic Polymers**

**MechaTronics**

**MicroBot Nano Based Arduino**

**Microwaves Electronics**

**MIL Standard Electronics**

**Molecular-scale Electronics**

**Monitors Seismic Activity Arduino**

**Motor Shield Arduino**

**Nano Based MicroBot Arduino**

**NanoBelts SemiConducting**

**Nano Chips Self-Assembled**

**Nano Chips Self-Assembling**

**Nano Computation DNA Crystals**

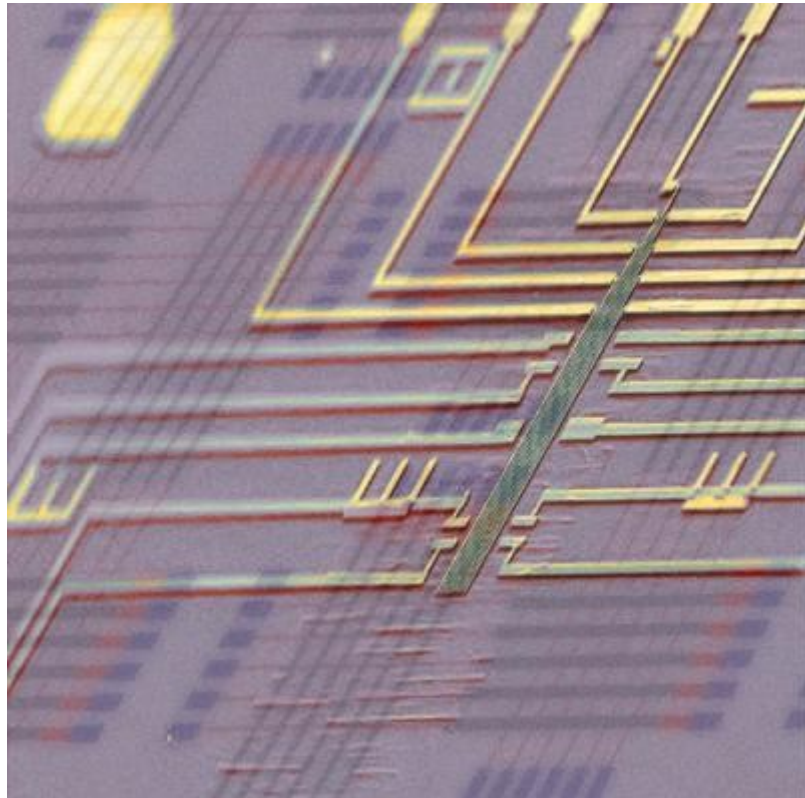
**NanoCrystals SemiConductors**

**Nano Cylinders Polymer Electronics**

[NanoElectronics Logic Circuits Push-Button](#)

[NanoElectronics Push-Button Logic Circuits](#)

[Nano Processors](#)



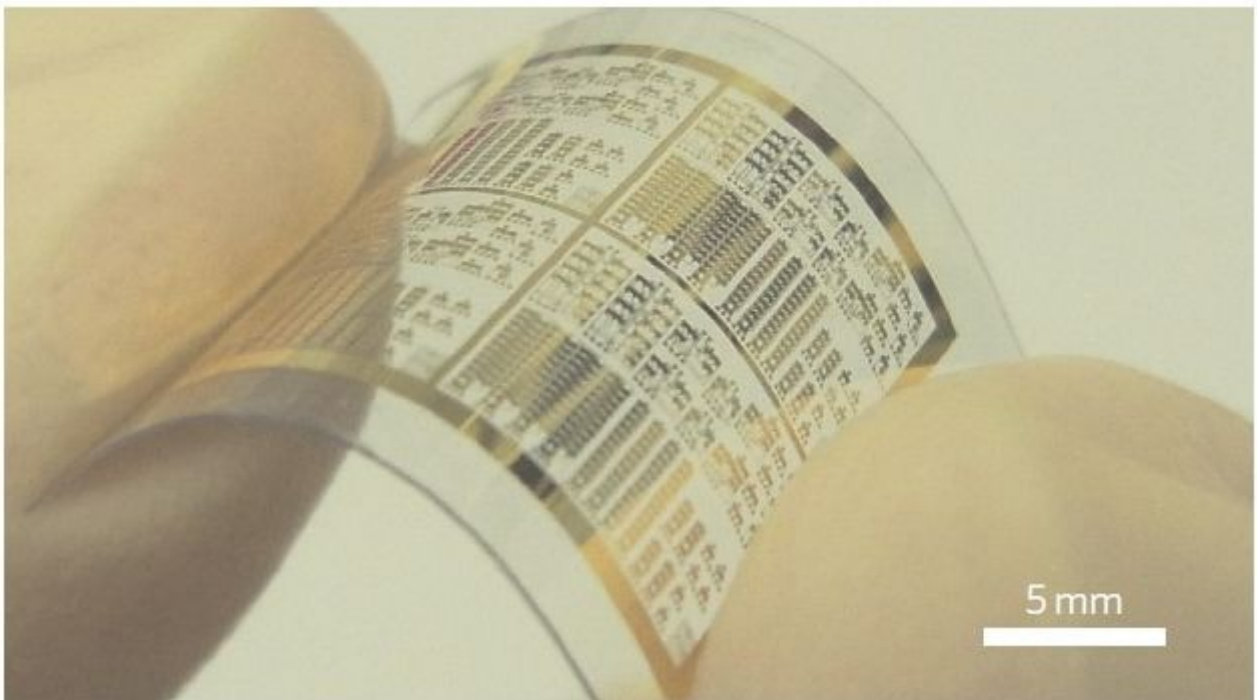
[NanoScale CMOS](#)



## NanoScale Circuits

### NanoTube-based Universal Memory

### NanoTubes Carbon Transistors



### NanoTubes Chips

[NanoTubes SuperConductors](#)

[NanoWires Circuits Plastic](#)

[NanoWires Optics](#)

[NanoWires Plastic Circuits](#)

[NanoWires Printable Electronics](#)

[Neural Networks](#)

[Neiro Dreamer Sleep Mask](#)

Neurons Circuits

Optic Transistors

Optical Circuits

Optical Circuits NanoSpheres

Optics on a Chip

OptoElectronics

Organic Electronics

**PCB Quadrotor Brushless**

**Phone Cell Gloves**

**PhotoDetectors**

**Photonic Chips**

**Photonic Circuits**

**Photonic Switches**

**Photonic Circuits Organic Polymers**

**Photonic Crystals**

**Photonic Silicon Circuits**

**Photonic Switches**

**PiCopters**

**Plasma Speakers Advanced Reliable**

**Plastic Circuits NanoWires**

**Plastic Magnets**

**Plastic Transistors**

**Polymer Electronics**

**Polymer Electronics Nano Cylinders**

**Polymer Transistors**

**Powdered Superconductors**

**Power Gloves**

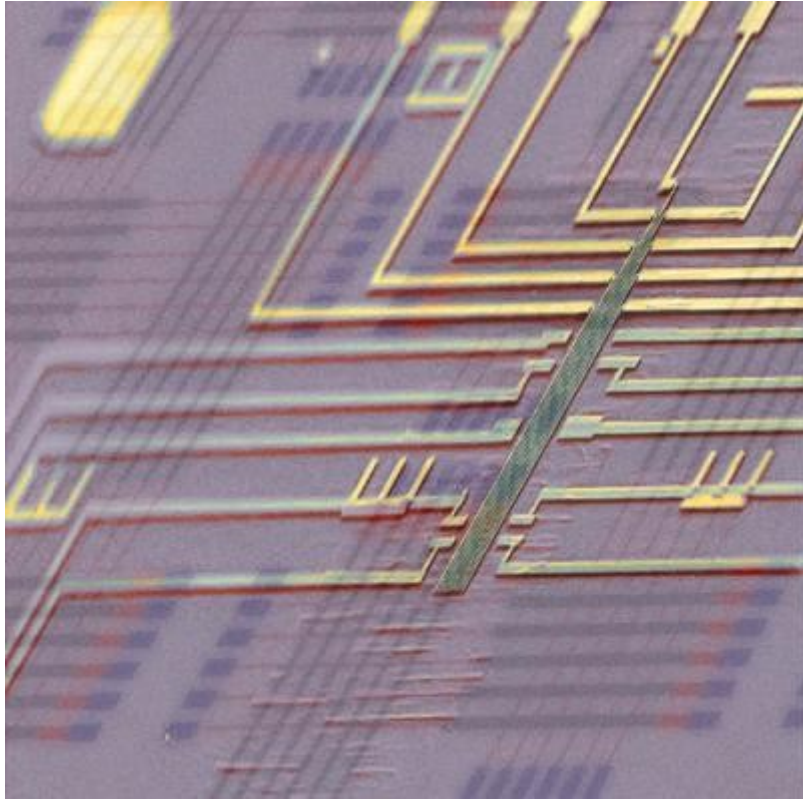
**Printable Electronics**

**Printable Electronics NanoWires**

**Printable Electronics Solder-Free**

**Printable Electronics Solder-Free**  
**3D Printed Circuit Boards**

## Processors Nano



## Protonic Transistors

Push-Button Logic Circuits NanoElectronics

Push-Button NanoElectronics Logic Circuits



**QuadRotor PCB Brushless**

**Quantum Dots**

**Quantum Electronics**

**RFID**

**RFID Detectors**

**RFID Jammers**

**Seismic Activity Monitors Arduino**

**Self-Assembled Nano Chips**

**Self-Assembling Nano Chips**

**Self-Configuring Arrays**

**Self-Healing Electronics**

**SemiConducting NanoBelts**

**SemiConductors NanoCrystals**

**Silicon Photonics**

**Single-Chip Camera**

**Single-Molecule Transistors**

**Sleep Mask Neuro Dreamer**

**Smart Card Manufacturing**

**Smart Plastic**

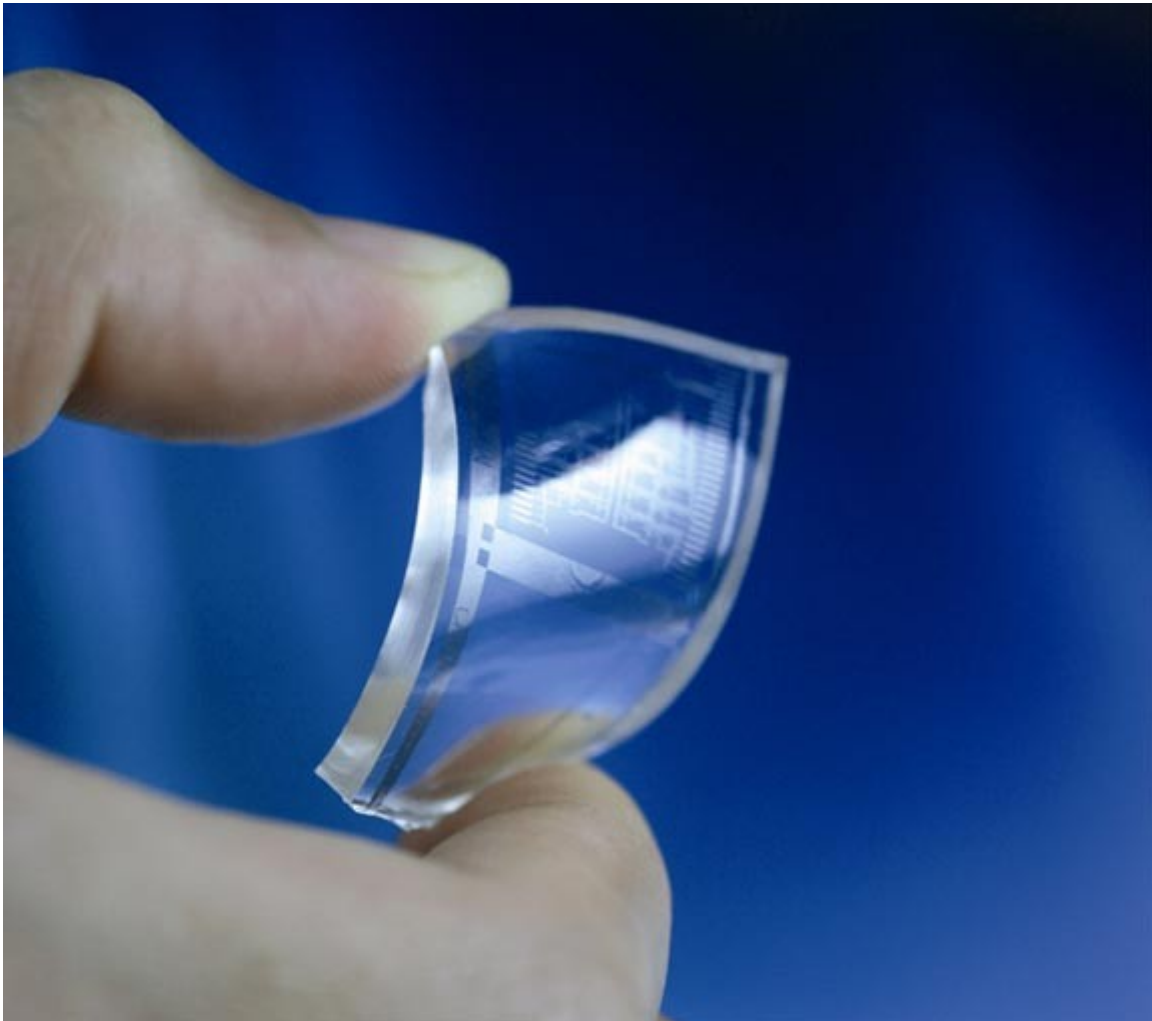
**Solar Trackers Arduino**

**Solar Trackers Servo 2-Axis Arduino**

Solder-Free Printable Electronics

Solder-Free Printable Electronics  
3D Printed Circuit Boards

Stretchable Graphene Electrodes



**Spintronics**

**SuperConductors**

**SuperConductors NanoTubes**

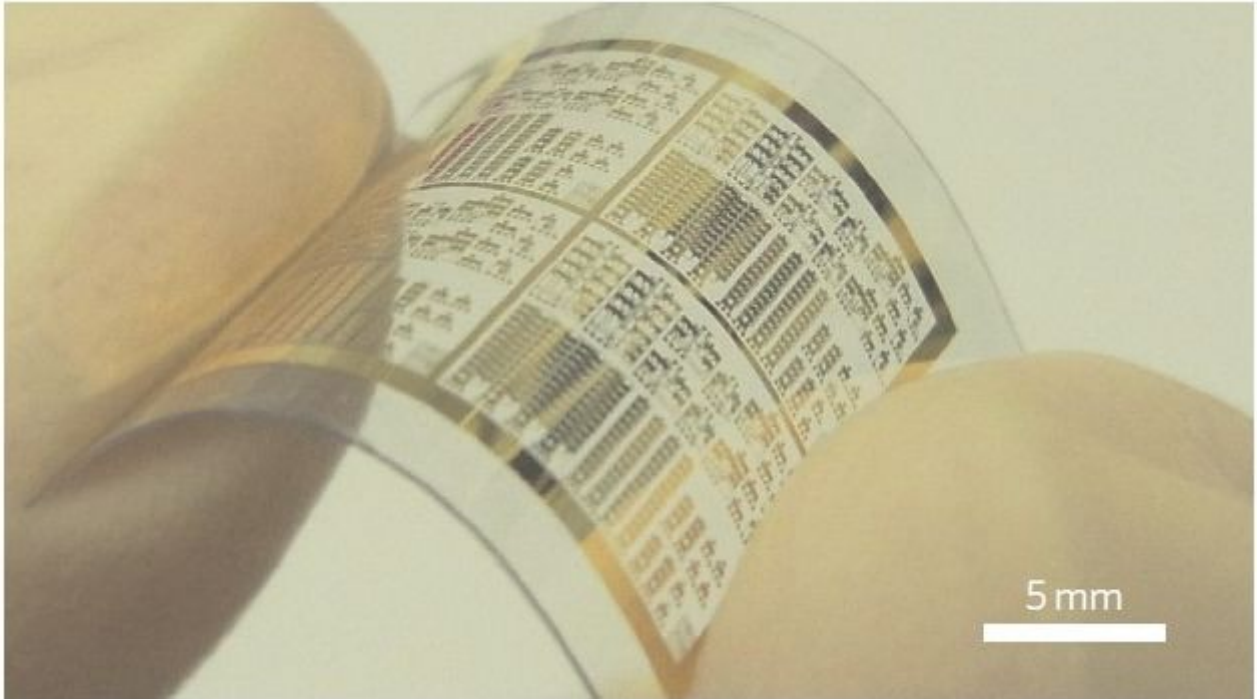
**SuperConductors Powdered**

**Switches Photonic**

**TAG Intelligence**

**Transistors BioLogical**

## Transistors Carbon NanoTubes



## Transistors Graphene Smallest

### Transistors Optic

### Transistors Plastic

**Transistors Polymer**

**Transistors Protonic**

**Transistors Single-Molecule**

**Transistors Smallest Graphene**

**UltraConductors**

**Vision Chips**

**Visual Cortex Learning Through**

**Voice Activated Remote Controls**

**Water MicroCircuits**