

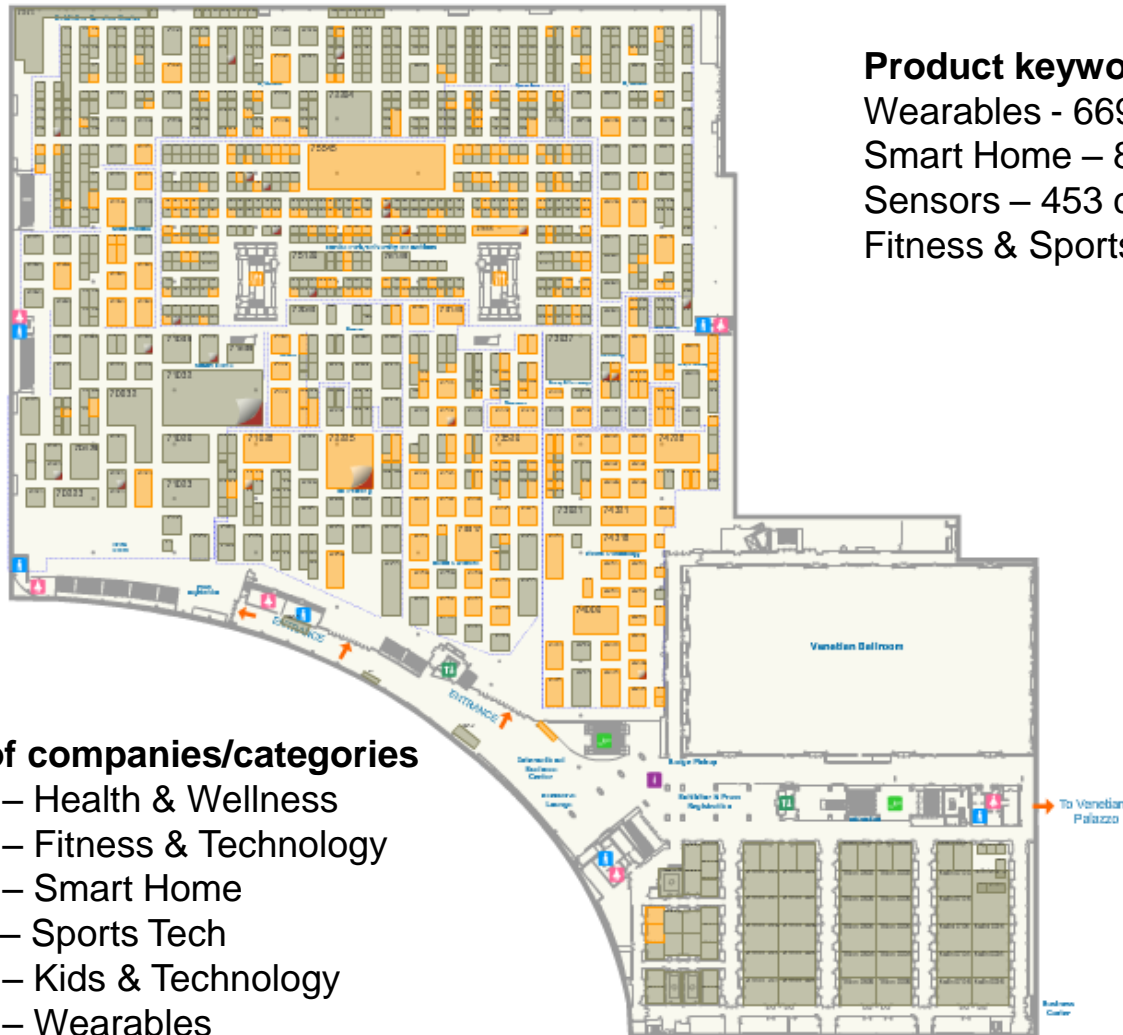
IEEE Consumer Electronics Society

Wearables, IoT and Smart Connected Things



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Wearables & IoT Companies



Product keyword search (LVCC & Sands) :

Wearables - 669 companies (all exhibits)

Smart Home – 817 companies

Sensors – 453 companies

Fitness & Sports – 429 companies

Tech West at Sands

of companies/categories

89 – Health & Wellness

62 – Fitness & Technology

66 – Smart Home

11 – Sports Tech

6 – Kids & Technology

13 – Wearables

Fashion Wearables - MISFIT / Swarovski



Solar charging
design by
Swarovski

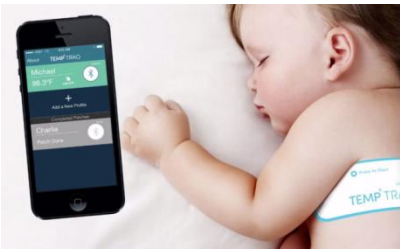


MISFIT



MISFIT with Swarovski Crystal

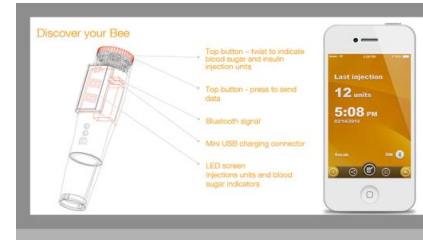
Wearables for Health



TEMPtraq Intelligent thermometer

www.temptraq.com

- No pricing, waiting for FDA approval
- 24 hrs continuous tracking and alert of temperature
- Bluetooth Smart
- Smartphone App



Vigilant Bee Smart Diabetes Tracker

www.usvigilant.com/bee

- \$69
- Logs the amount of insulin unit & blood sugar level
- Bluetooth Smart connection to send data via smartphone or tablet



Bellabeat

www.bellabeat.com/shell

- \$119
- Listen to baby's heartbeat
- Track baby's movement
- Play sound/music to baby while in the womb
- Baby monitor
- Track air temp/humidity



OKU Skin Sensor

www.getoku.com

- \$299
- Use light to see underneath of the skin
- Alert skin conditions
- Recommend diet and other daily actions

Wearable GPS Tracker for Kids & Pets



Paxie™ Kids Tracker by

www.oursafefamily.com

- \$175 pre-order
- Location via GPS
- Location tagging
- Boundary setting
- Activity tracking
- Heart rate
- Band removal alert



hereO Kids Tracker

www.hereofamily.com

- \$179 pre-order
- Battery lasts up to 60 hrs
- Build-in SIM that works in 120 countries
- Supports GSM/GPS/WiFi
- Place notification
- Panic alert
- Temper alert
- Raised \$215k from Indiegogo with goal of \$100k



Weenect Kid & Pet Trackers

www.weenect.com

- ~ €129 - €149
- Real-time tracking
- Geofence, In & Out
- SOS button w/voice
- Water-resistant

Wearable for Sports & Fitness

Lechal Smart insole

www.lechal.com



Mobile App

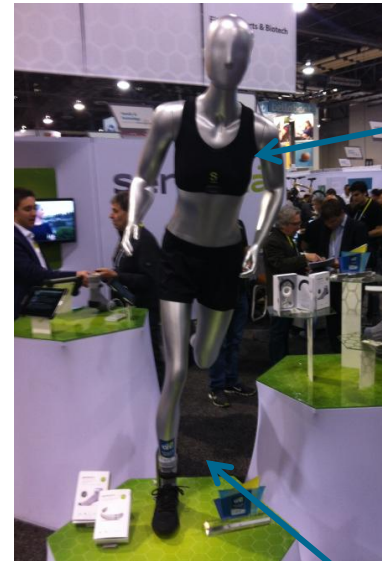
Sensor module

- Activity Tracking
- Haptics feedback
- Water resistant
- Anti-bacterial

Battery

Sensoria Wearable Sensors

www.sensoria.com



Sensoria Fitness Bra or T-Shirt

- Antimicrobial
- Moisture evaporation
- Machine Washable
- Works with popular HRM (e.g. Polar H7 or Garmin Premium)

Sensoria Socks

- Textile sensors
- Conductive fiber
- Magnetic attachment
- 3-axis accelerometer
- Bluetooth Smart
- 6 hrs battery



Wearable/Carryable for the Last Mile

Acton Rocket Skates

www.rocketskates.com

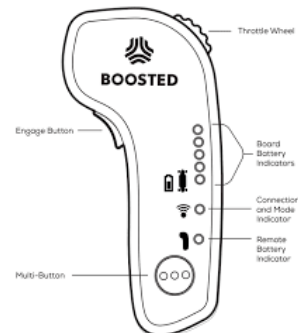
- starting at \$499
- 6 – 10 miles range
- 12 mph max.



Boosted Boards

www.boostboards.com

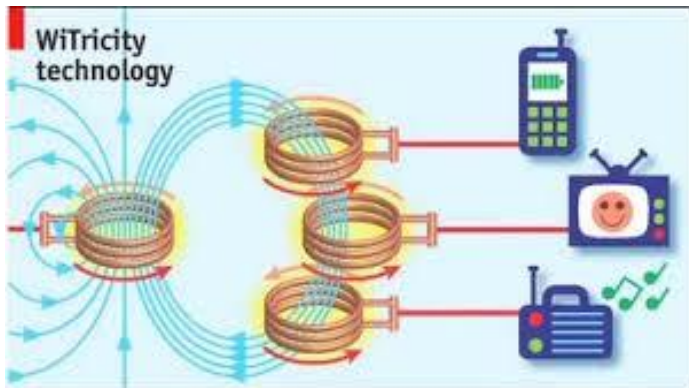
- \$999 - \$1499
- 6 – 7 miles range
- 18 – 22 mph
- 15 – 25% hill gradient



Handheld remote control for Boosted board

IoT & Smart Connected Things (1)

www.witricity.com



Extender plates



Laptop powered by Witricity charger mounted under the table



Witricity Wireless charging pad via electron magnetic resonance

IoT & Smart Connected Things (2)



goTenna for wireless messaging

www.gotenna.com

- \$149.99 for a pair
- 2-watt radio VHF radio waves (151-154 MHz)
- Works up to 6 miles
- 24+ hours rechargeable Lithium-polymer battery for continuous use
- BluetoothLE data interface
- Water-resistant



Valve
Control

Moisture/
nutrition
Sensor

Edyn – smart garden system

www.edyn.com

- Moisture/nutrition sensing (\$99.99) and valve control (\$59.99)
- Solar powered
- Supports WiFi

Smart Devices



Dual display smartphone.
E-Ink touch screen on the back.

www.yotaphone.com



Smart Mug

- Color touch display
- Smart sensing
- Wireless charging
- Supports WiFi



Bluetooth tracker w/remote shutter for taking selfie

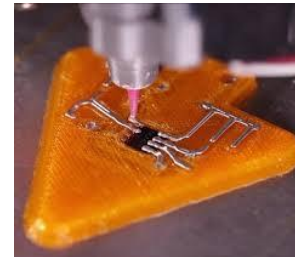
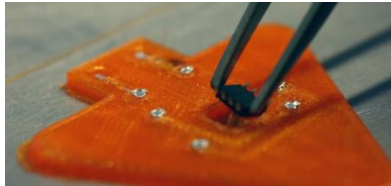
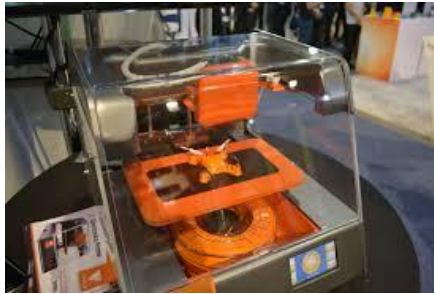
Click Button

3D Printing Companies



57 companies in 3D printing

Voxel8 - 3D Electronics Printer



- co-print matrix materials such as thermoplastics and highly conductive silver inks

Pre-order for \$8,999

www.voxel8.co

3D Systems – 3D Printer for Food

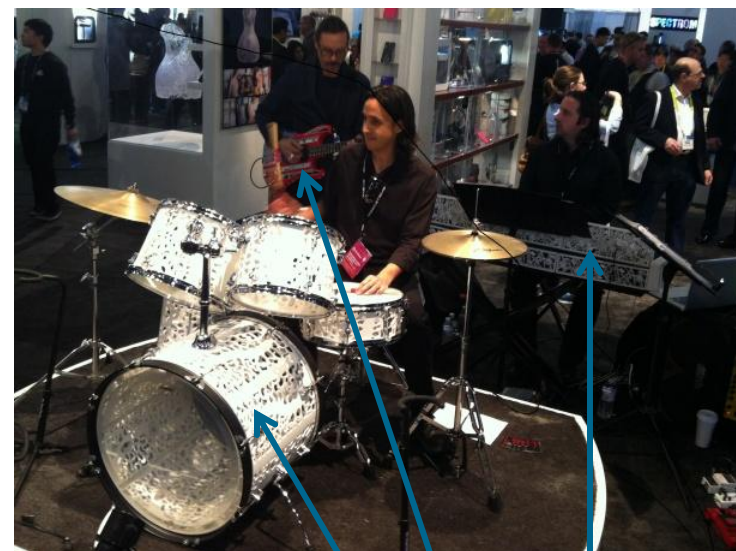


ChefJet Pro: ~\$20,000

ChefJet: TBD

www.3dsystems.com/es/chefjet

- prints in a variety of edibles, including sugar, chocolate or candy
- ChefJet Pro supports a build volume of 10x14x8”

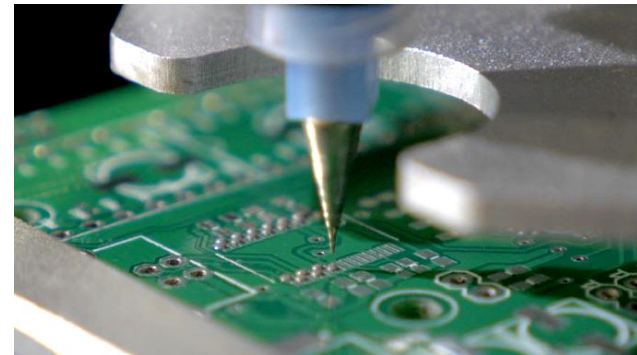
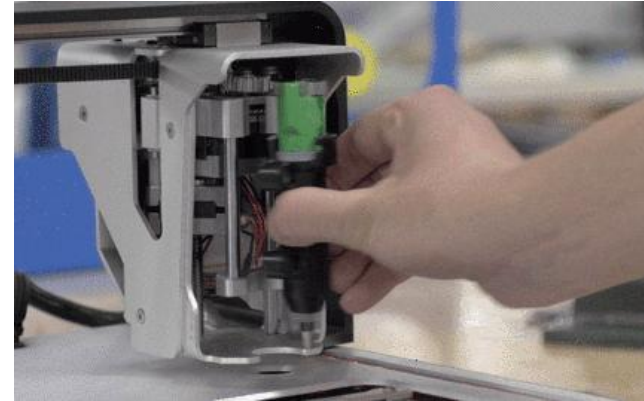


Drums, guitar, keyboard are made by 3d-printers from 3D Systems

ProJet® 3D Printers

www.3dsystems.com/

Voltera Circuit Board Printer



www.voleterainc.com

Starting at \$1,199 on Kickstarter

- Prints 2-layer PCB on FR4 with 8mil space/trace with silver conductive ink

תודה
Dankie Gracias
Спасибо شكراً
Merci Takk
Köszönjük Terima kasih
Grazie Dziękujemy Dékojame
Ďakujeme Vielen Dank Paldies
Kiitos Tänname teid 谢谢
Thank You Tak
感謝您 Obrigado Teşekkür Ederiz
감사합니다