Internet of Things with Intel

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Intel Software
2014-02-01

IoT ?

IoT ?

Things

Shaped like an objet, or invisible

can be a totally new object,
or an old one augmented.

Internet

Highly connected,

can be P2P,
centralized
or a network of LANs

bt, bt-le, 3G, WiFi, …

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IoT ?

Smart

Smart like a computer

with embedded processor
or local processing,
or remote processing.

Interaction

Natural interfaces only, or no UI at all.

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Why ?

Optimization

Make objects aware of their environment (local or remote)
to optimize their power/water consumption, limit noise, …

Data

Make your body, car, home collect tons of data
to learn your behaviours
and make your life easier/better.

… or show you personalized ads,

… or sell you even more stuff.

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IoT ?

Power

Smart processing, heavy network,
AND batteries lasting >1 year ?

Sounds like black Magic !
There's a trick ! Or is it a hoax ?

Black Magick and/or Trick and/or Hoax

Crappy sensor data
Dump data processing
100% Remote processing
Very simple actuation

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Iconic products

Iconic products : Nike+iPod

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Iconic products : Parrot Flower Power

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Iconic products : Nest-Google

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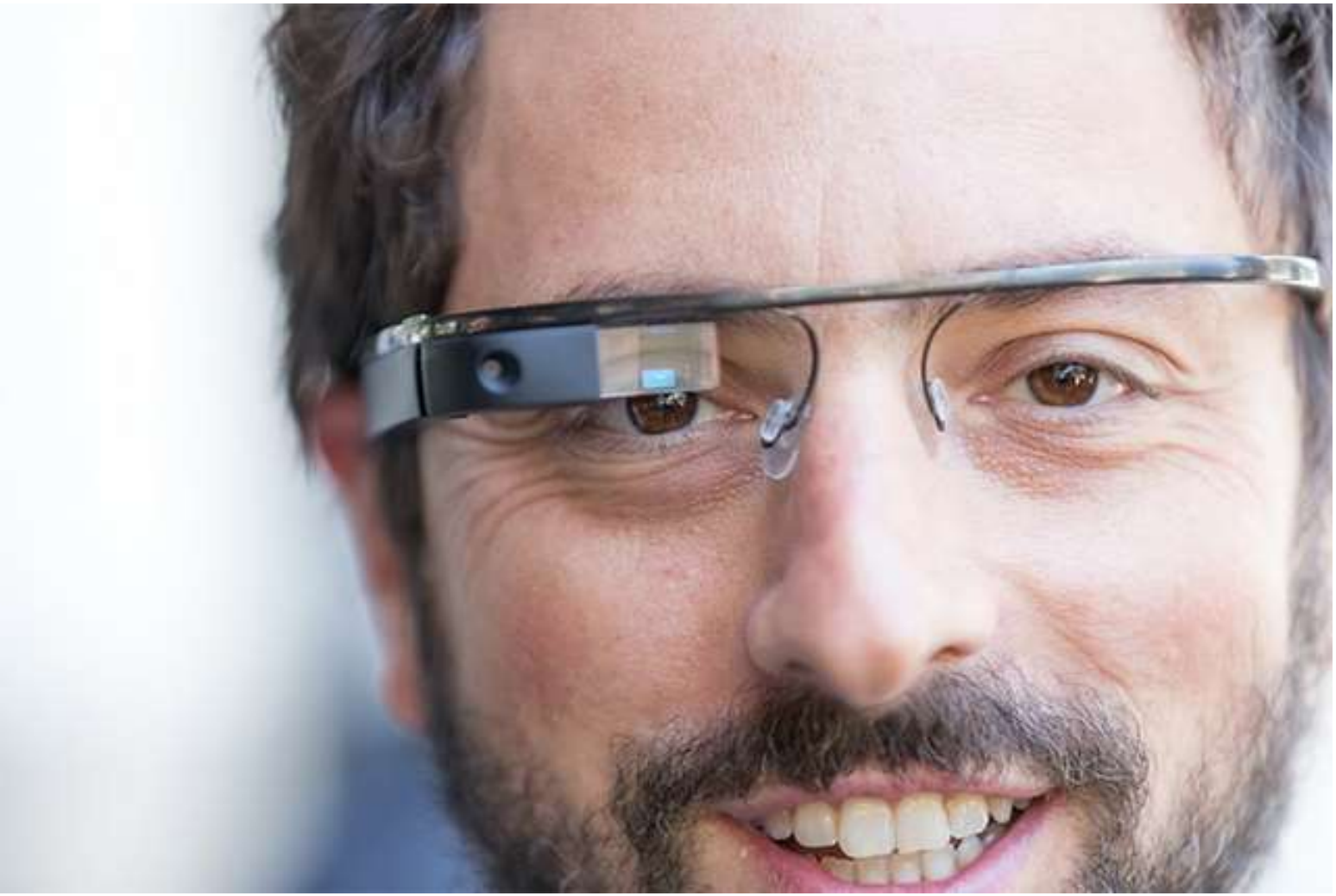
Iconic products : Google Glasses



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Iconic products : sen se

Iconic products : Basis Science @Intel

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Iconic products : Jawbone

Iconic products : Pebble

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Iconic products : Withings

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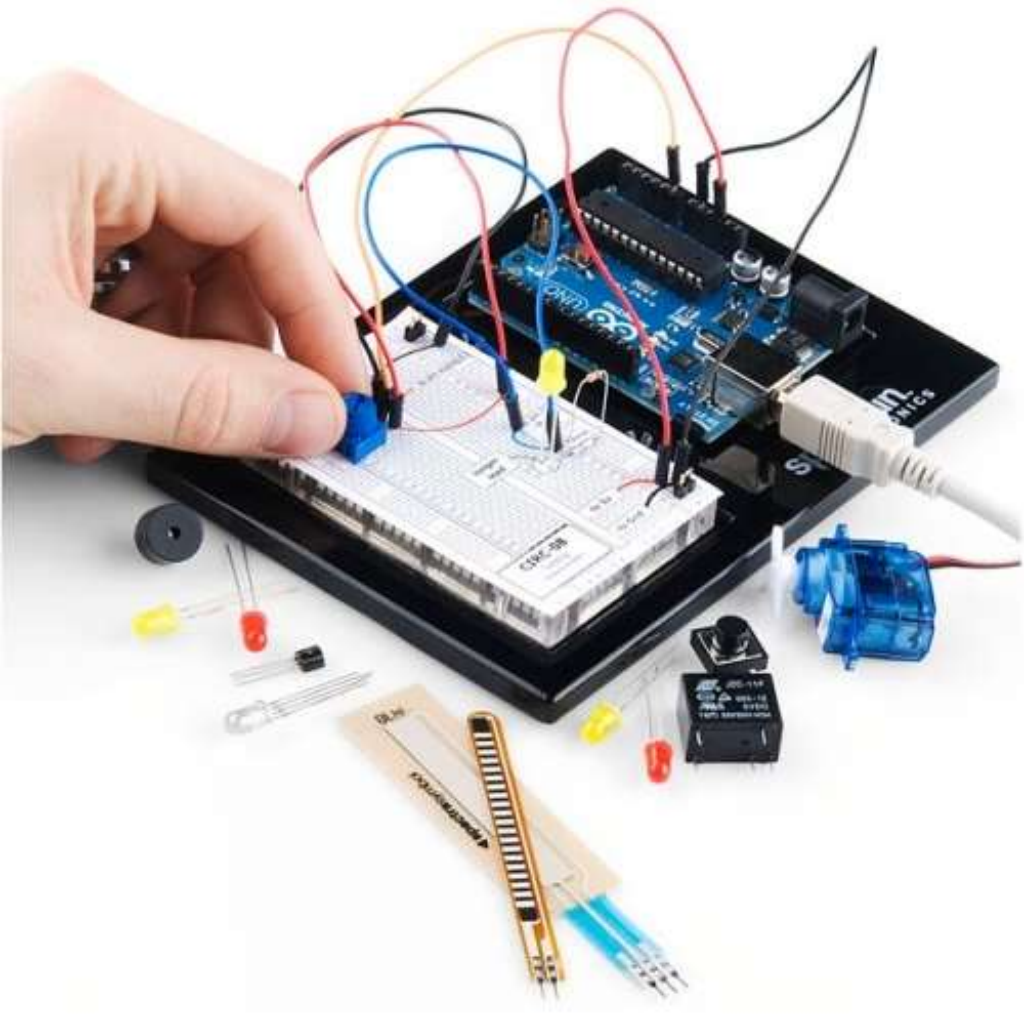
IoT Prototyping for all

Arduino



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Raspberry Pi

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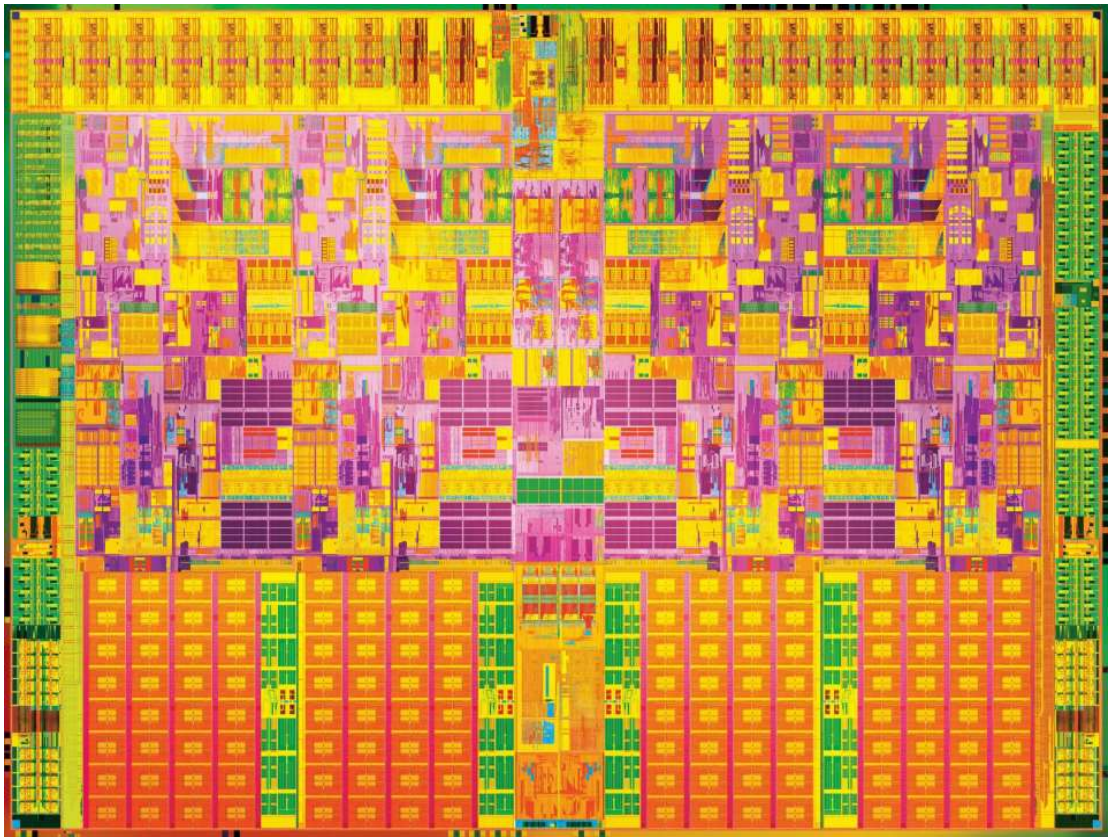

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Ideas ?

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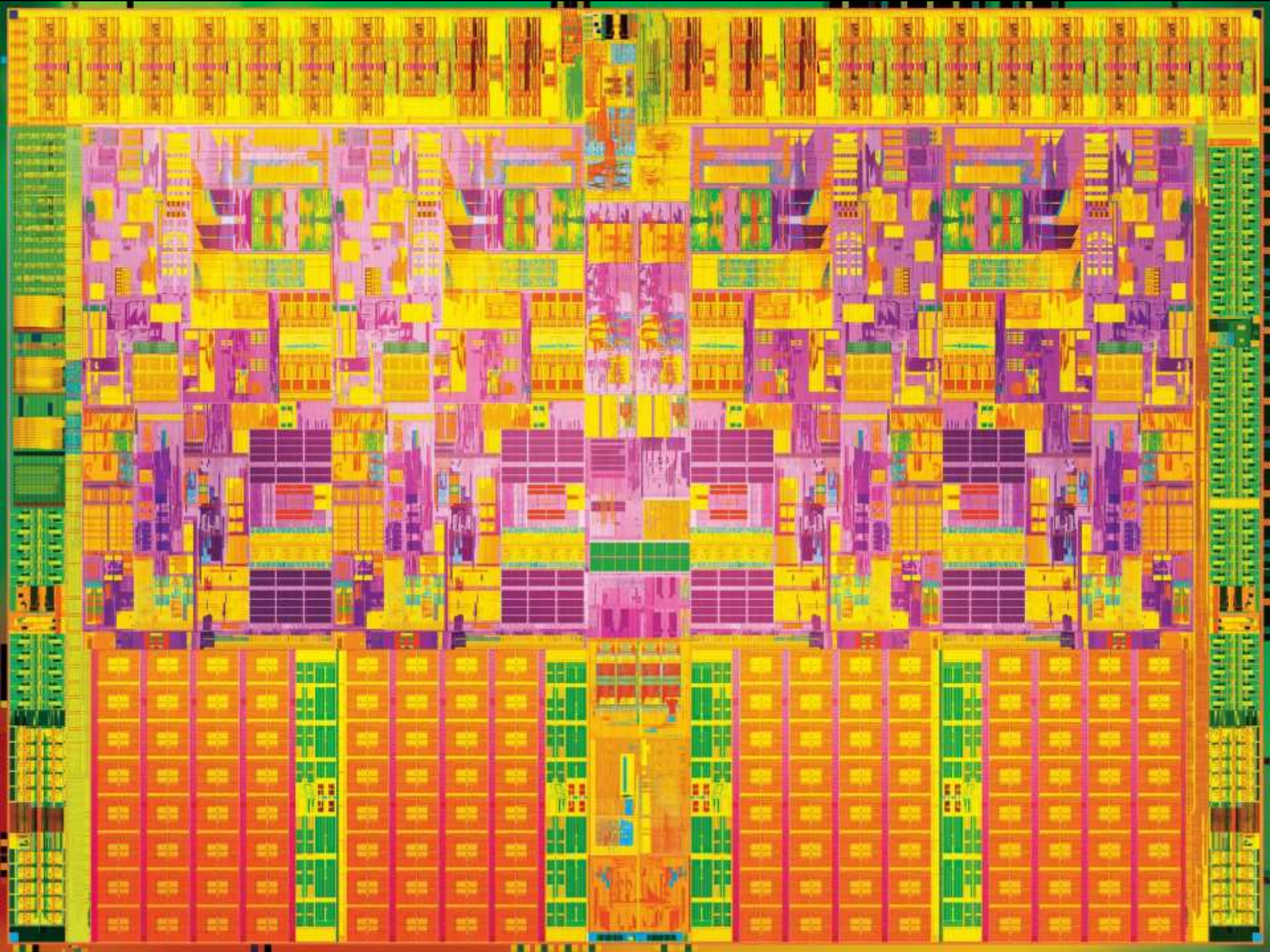

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