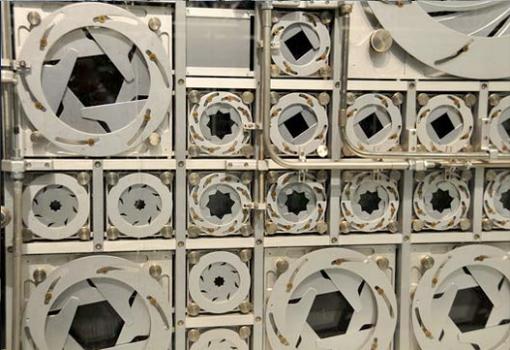


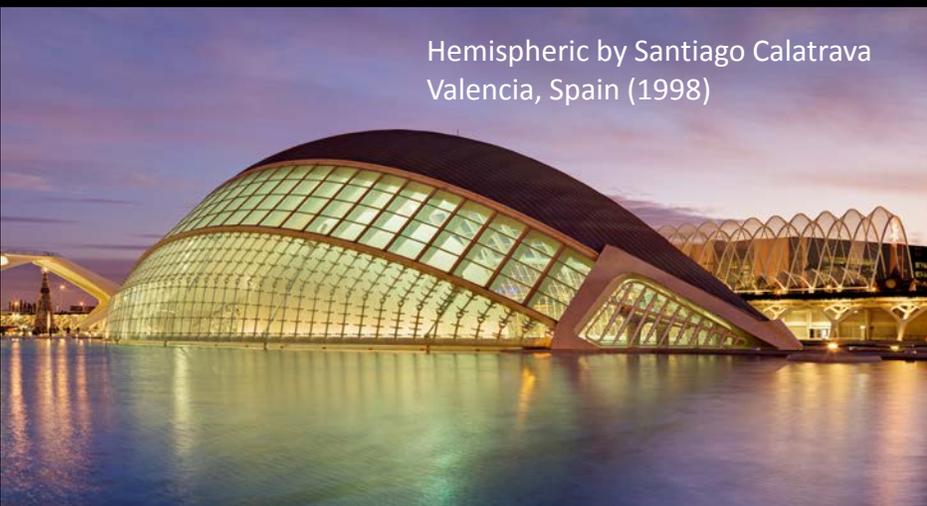
Jean Nouvel, Arab World Institute, Paris

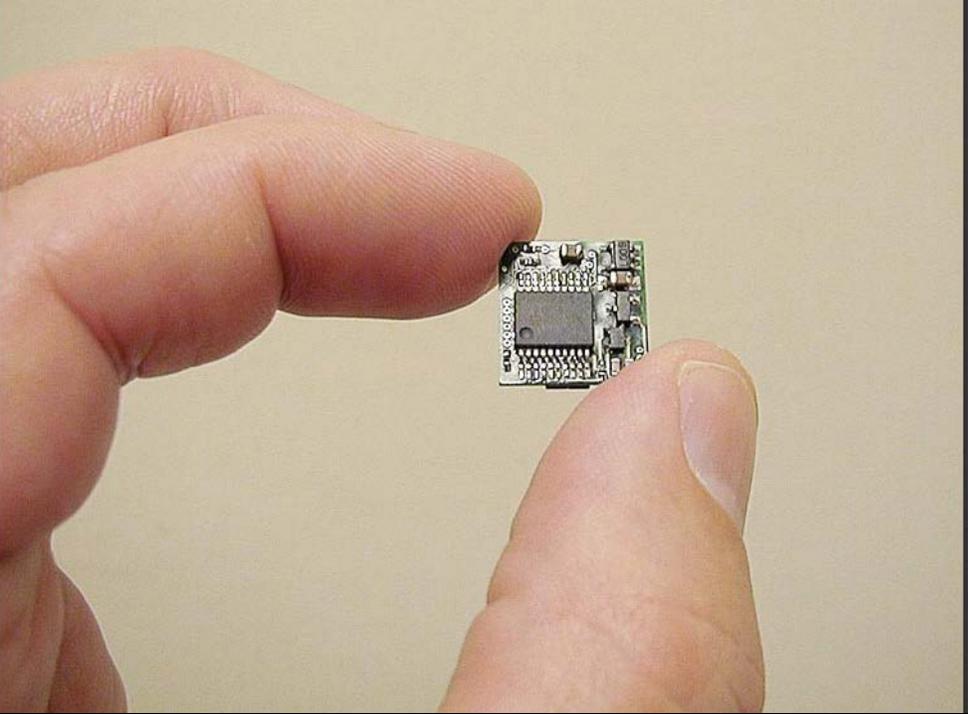
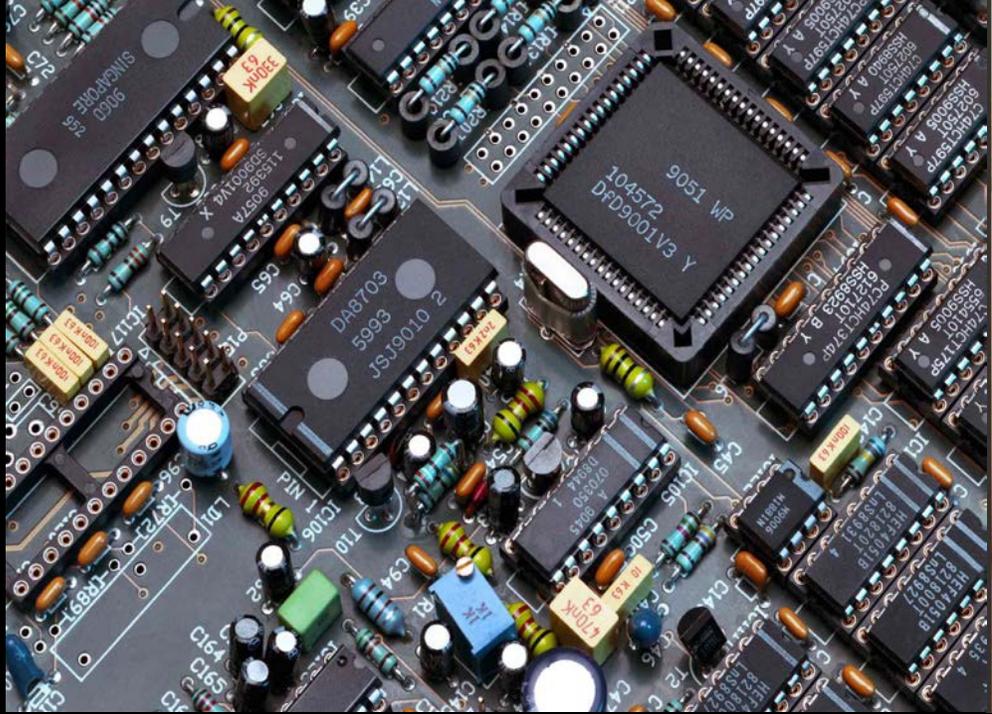
Responsive Envelopes (1987)



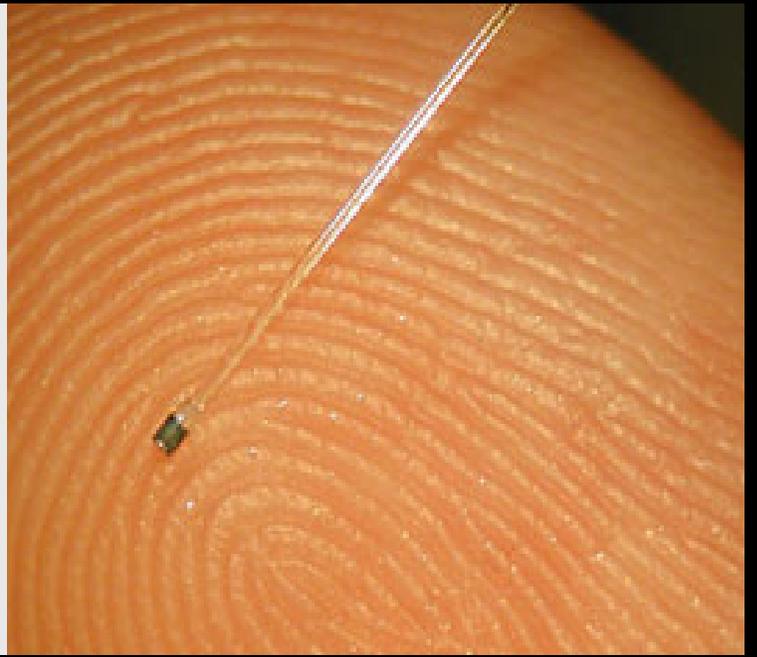
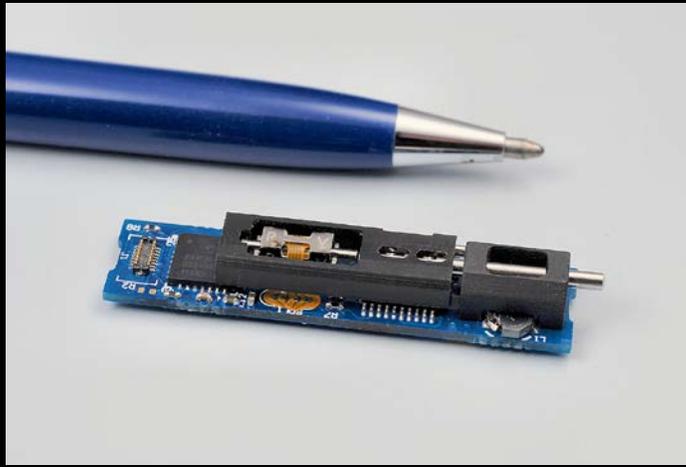


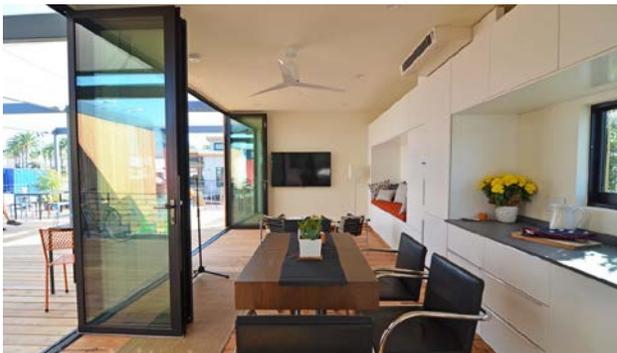
Hemispheric by Santiago Calatrava
Valencia, Spain (1998)





Smart sensors and actuators 2017





senseba

weather indicator
time display
outside temp
inside temp

sustainable alerts
thermostat
graphs of energy/water use

home's power consumption

Monthly Electric Peak Day Load Profile

pre-set modes

USAGE: 100% 50% 25% 0%

MONTHLY TEMPERATURE INDEX

EXTERIOR
deck: 100%
nexus: 100%
sleep module: 50%
living module: 50%

HALFWAY
deck: 0%
nexus: 25%
sleep module: 50%
living module: 0%

DINNER/GUEST
deck: 0%
nexus: 100%
sleep module: 50%
living module: 100%

NIGHT
deck: 0%
nexus: 25%
sleep module: 25%
living module: 0%

INTERIOR
deck: 0%
nexus: 50%
sleep module: 50%
living module: 50%
entertainment: 100%

ECO
deck: 0%
nexus: 25%
sleep module: 0%
living module: 0%

