

A white rectangular sign with a black border, mounted on two black poles. The sign features the text "TEXAS INSTRUMENTS" in a large, red, serif font, and "INCORPORATED" in a smaller, red, serif font below it. The background is a stylized landscape with green rolling hills and a blue sky with white clouds.

TEXAS INSTRUMENTS  
INCORPORATED

Engineering Electronics

How all of our cool  
gadgets began.

Jack  
**KILBY**  
Day

The logo for Jack Kilby Day, featuring the name "Jack" in a black serif font, "KILBY" in a large, bold, red sans-serif font, and "Day" in a black sans-serif font. A pair of black-rimmed glasses is superimposed over the "KILBY" text.

# Today is Jack Kilby Day.

Jack Kilby was an engineer or “maker” at TI and a founding father of modern electronics



# We are all Makers

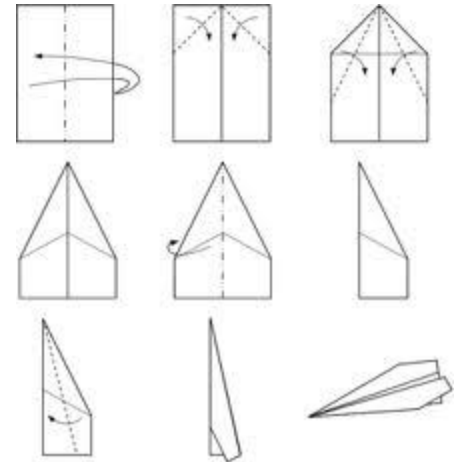
We **make** PB&J sandwiches



We **make** treehouses



We **make** paper airplanes



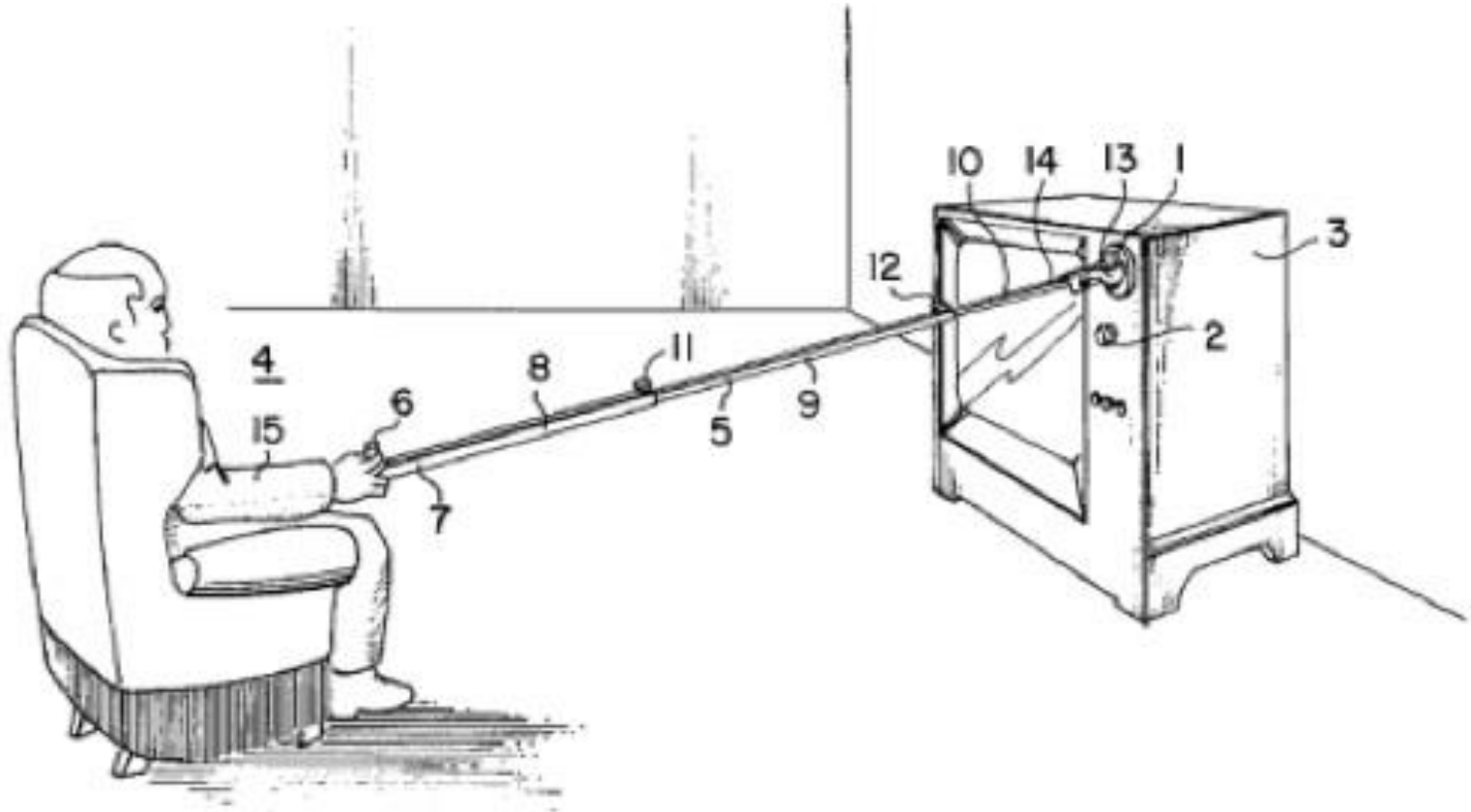
# We believe



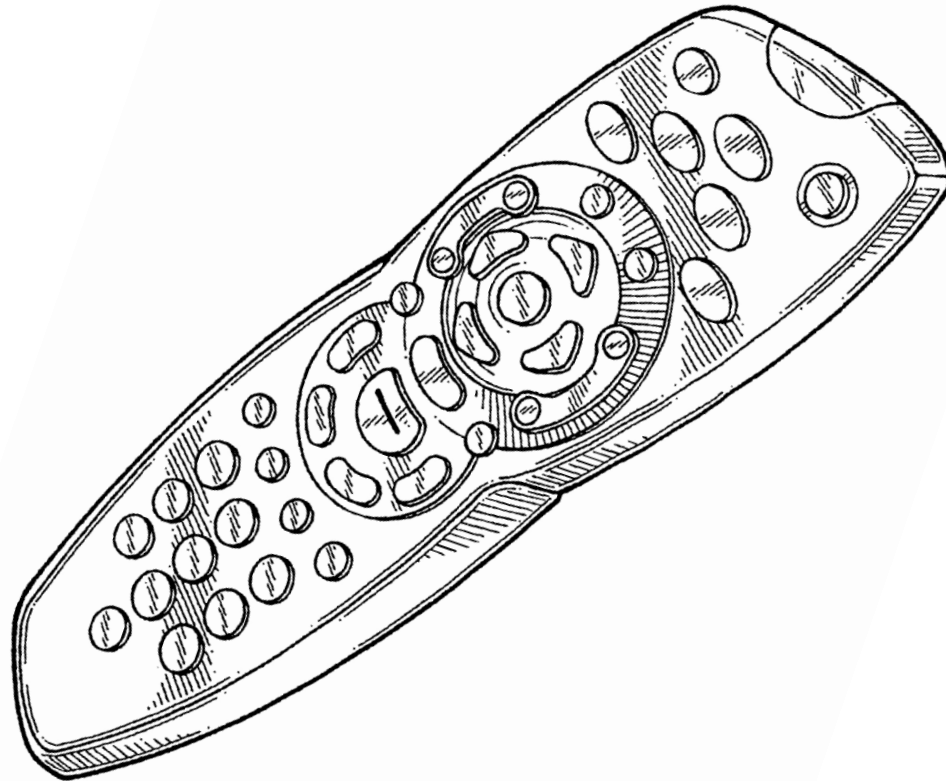
We can all can  
**Make stuff**

# **With electronics**

**make**  
**We ~~take~~ shortcuts**



# Shortcuts become innovation

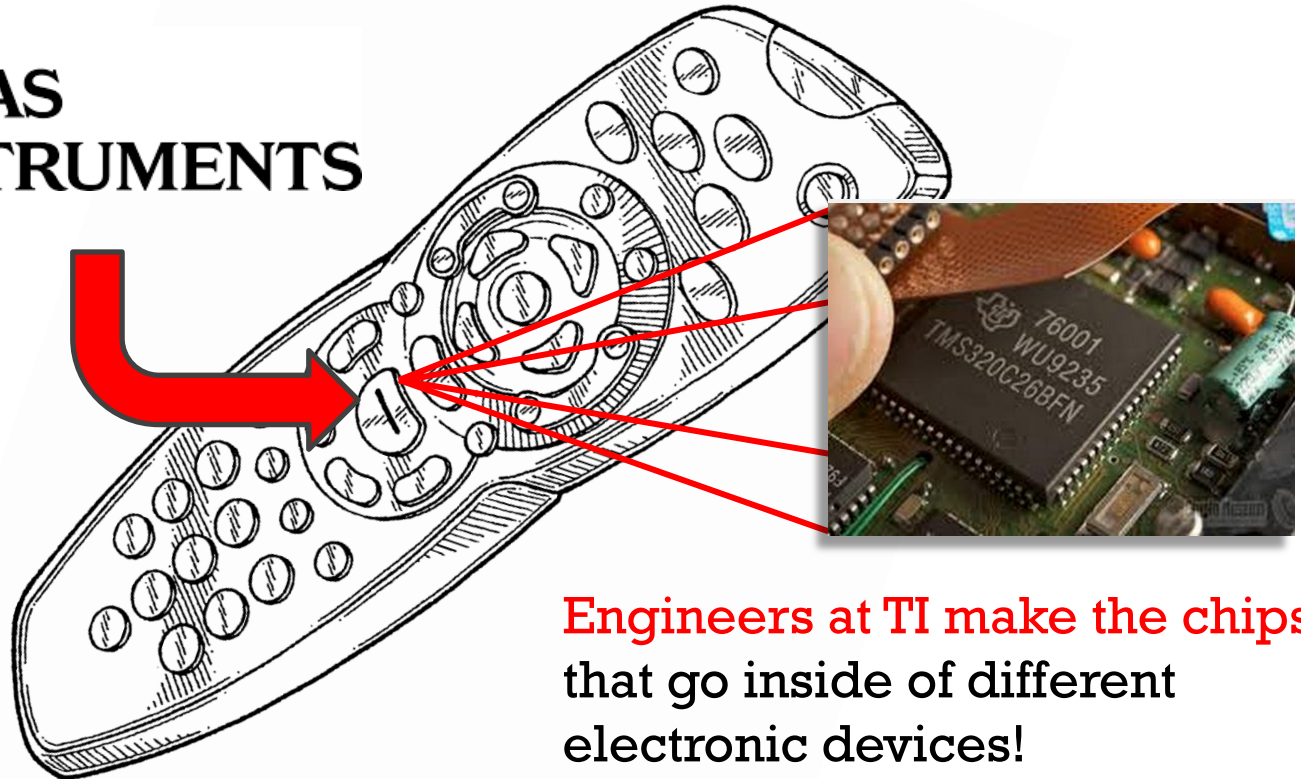




# Shortcuts become innovation

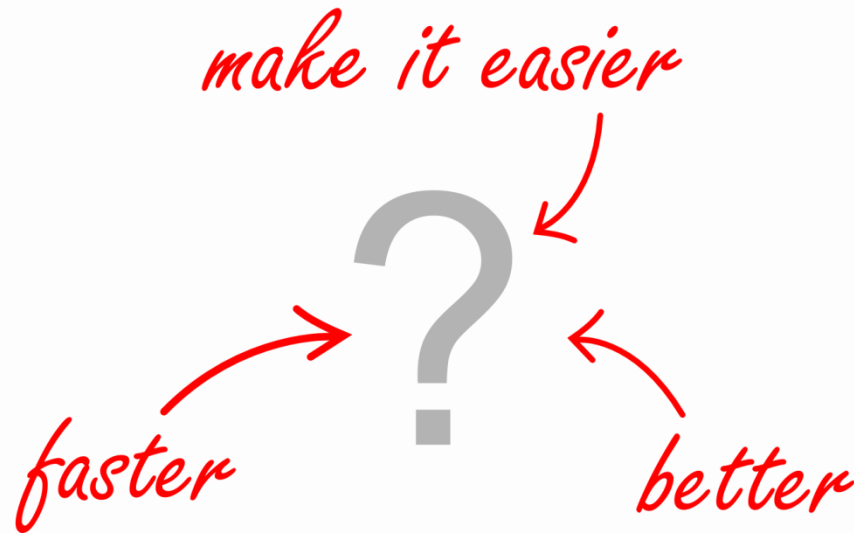


TEXAS  
INSTRUMENTS



Engineers at TI make the chips  
that go inside of different  
electronic devices!

# Engineers are problem solvers



Making teaches us **critical thinking**,  
**teamwork**, **how to be resourceful**



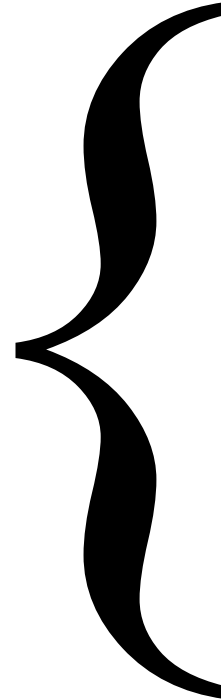
**&** Makers are  
changing the  
world . . .





Here are  
Just a few  
examples

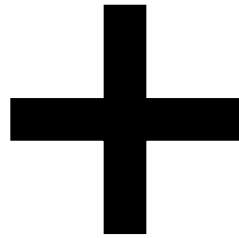
Engineers have  
done a lot of really  
cool things with  
computers & cell  
phones





One solution is....

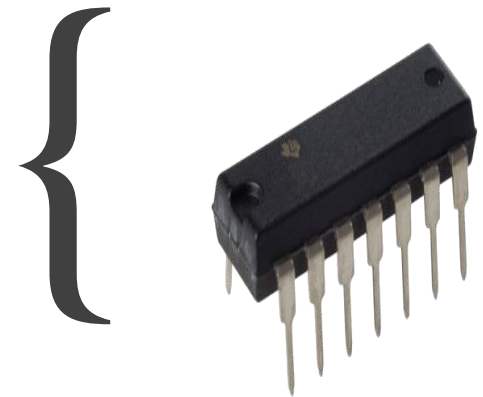
Put a **computer** inside of  
everyday objects!



But not just *any* computer...

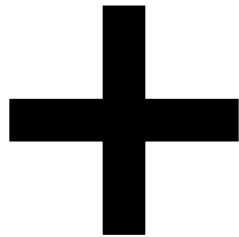
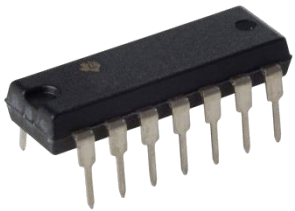
What we really  
need

We need something called a  
**semiconductor**





A **semiconductor** is a small, reprogrammable & simplified computer that can be **embedded** into products to make regular things **smarter**.



**What would you  
invent to change  
the world?**