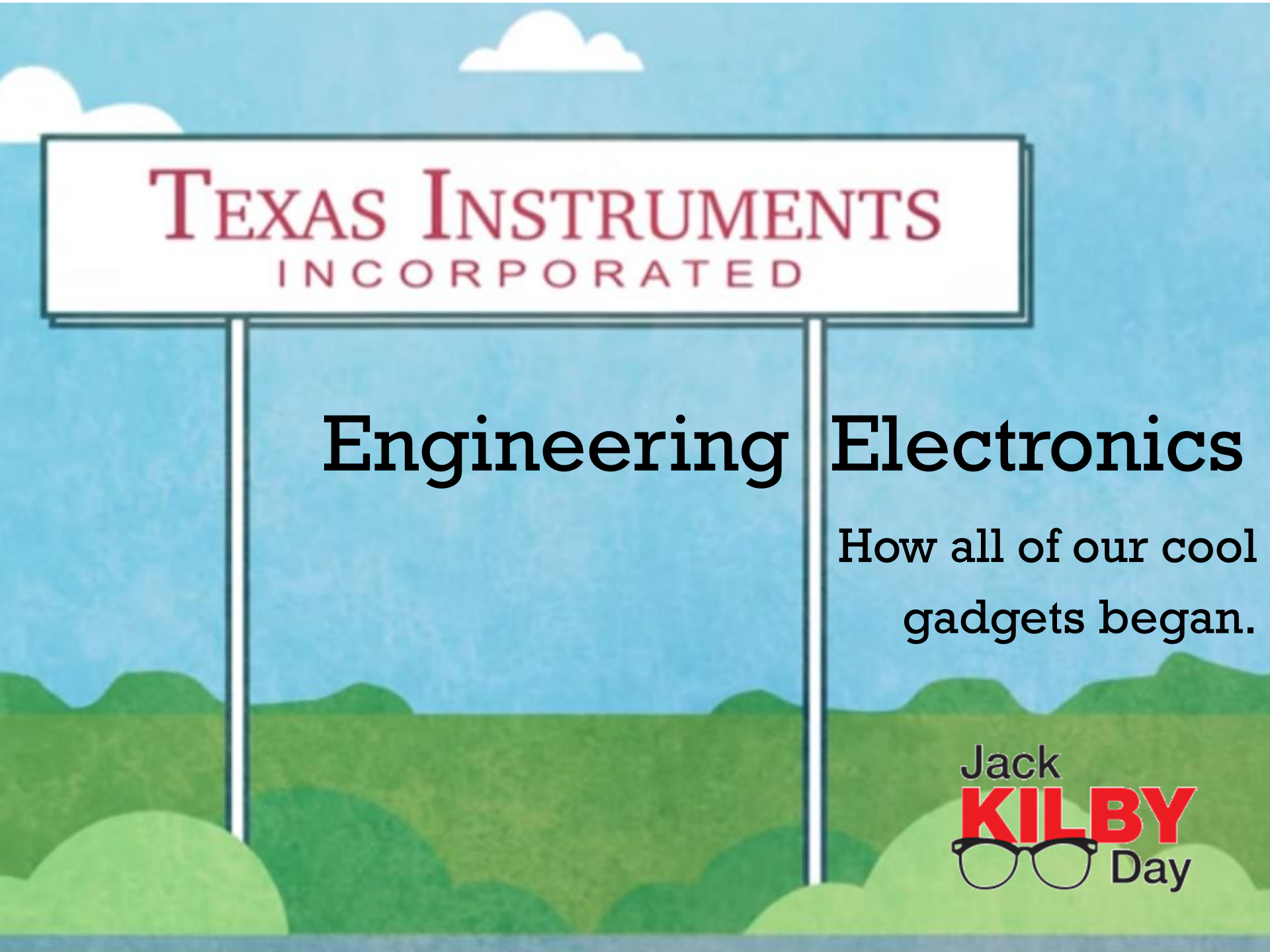
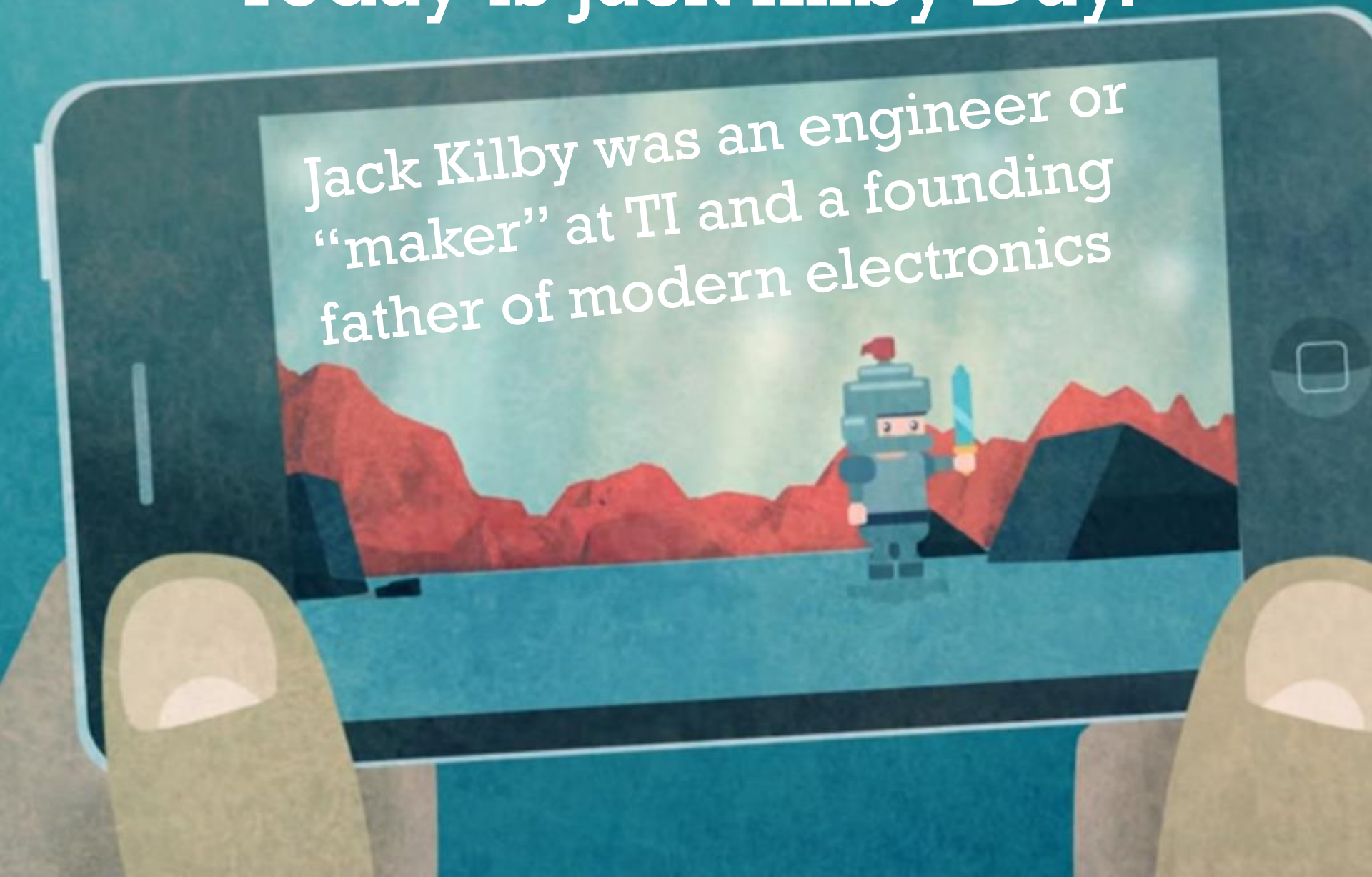


Engineering Electronics

How all of our cool gadgets began.

Jack KILBY Day

Today is Jack Kilby Day.

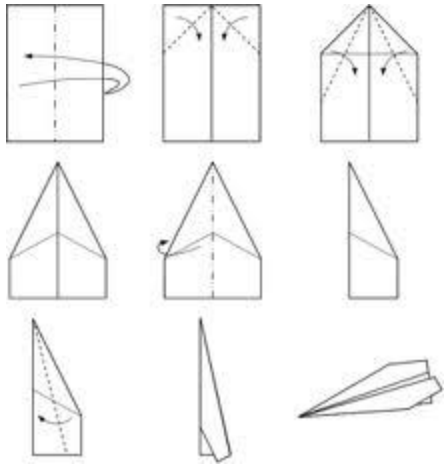


We are all Makers

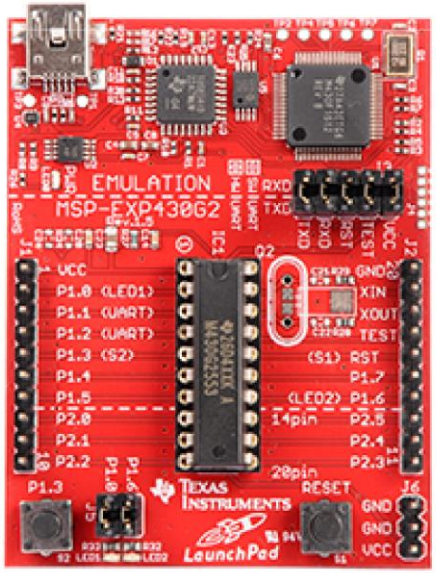
We make PB&J sandwiches

We make treehouses

We make paper airplanes



We believe



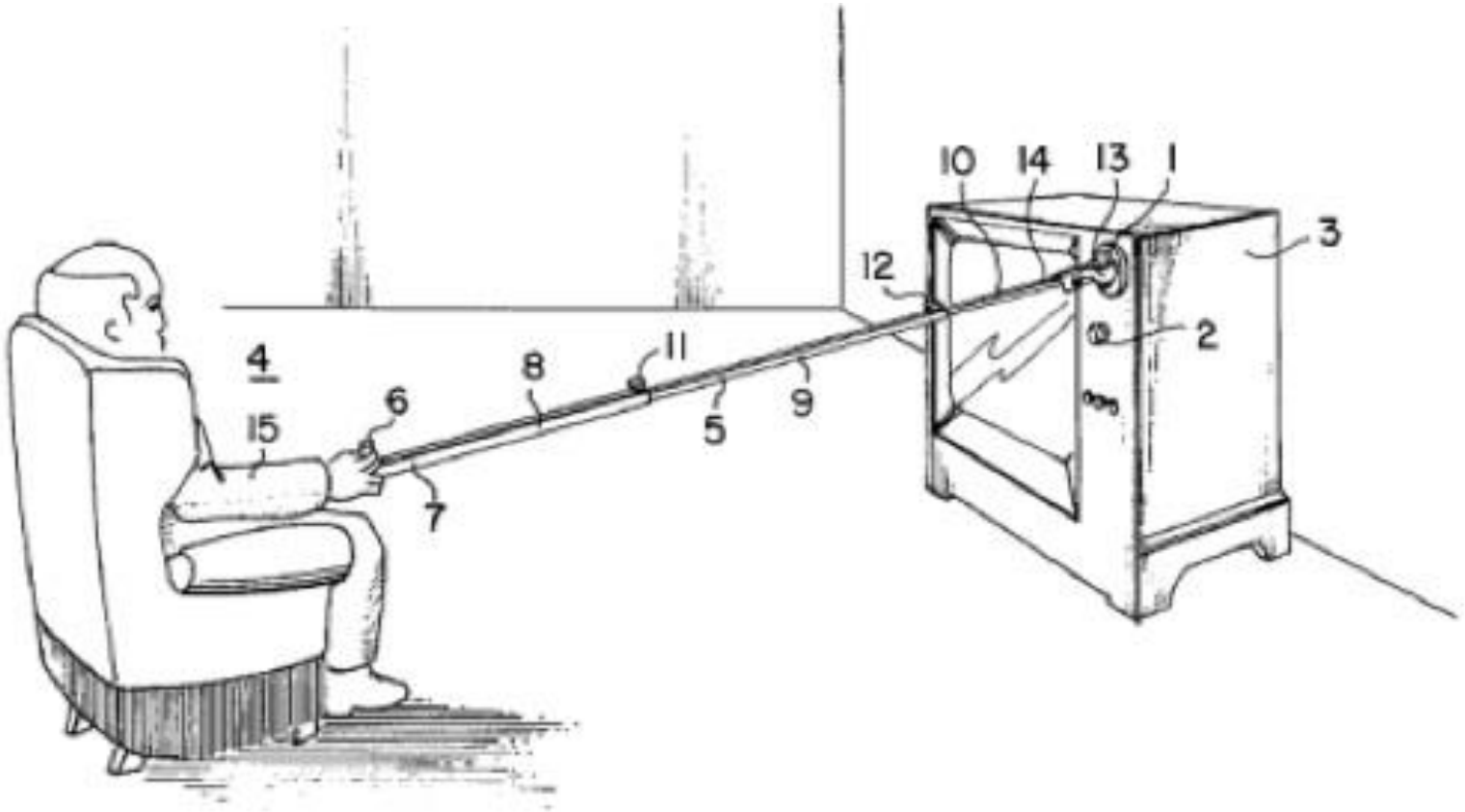
We can all can

Make stuff

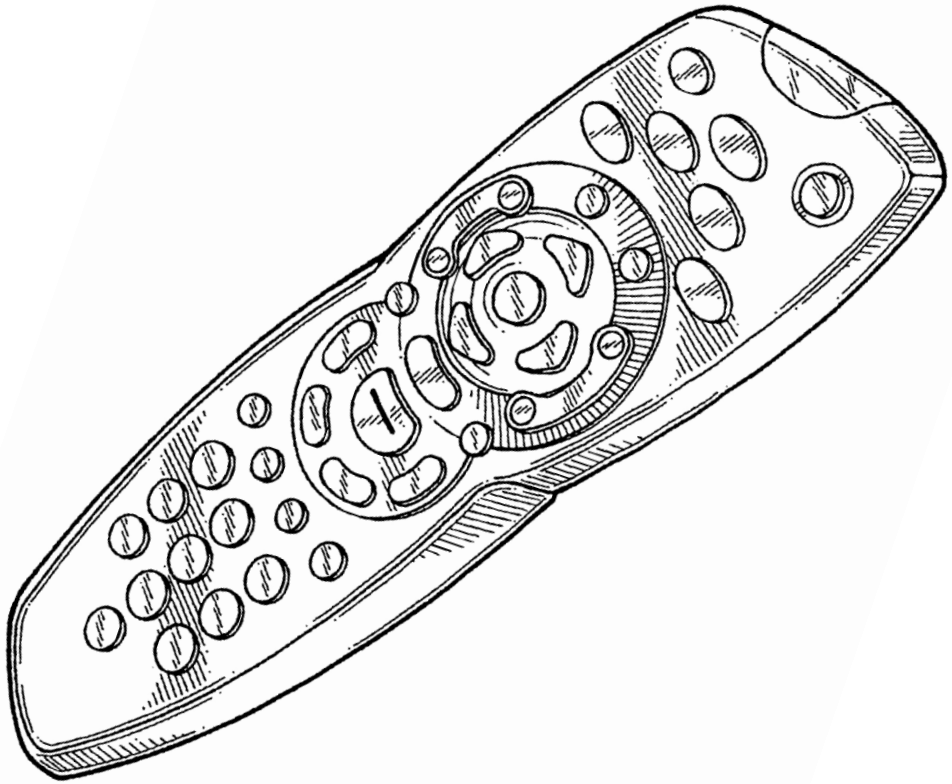
With electronics

make

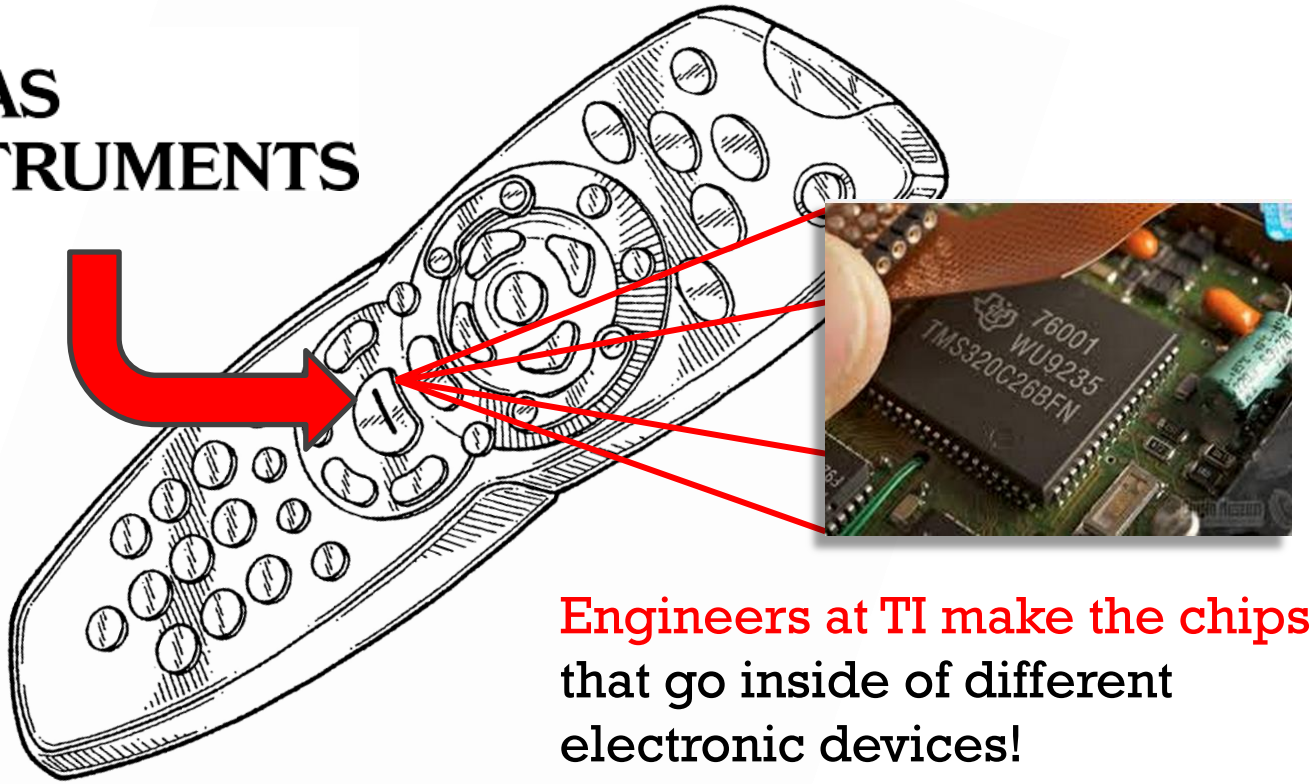
We ~~take~~ shortcuts



Shortcuts become innovation

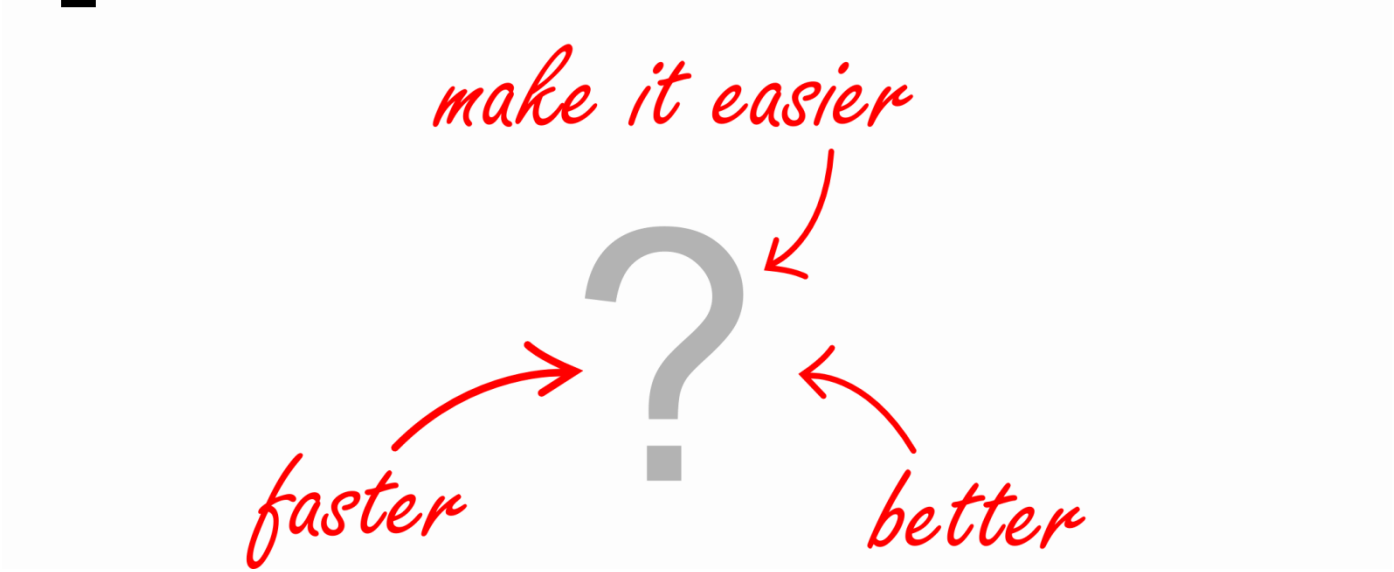


Shortcuts become innovation



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

#include <stdio.h>
int main()
{
printf("Hello
return 42;
}

One solution is….

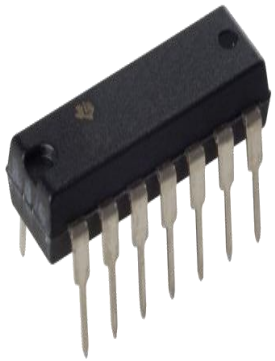
Put a computer inside of everyday objects!

But not just *any* computer…

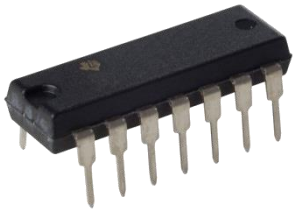
What we really need

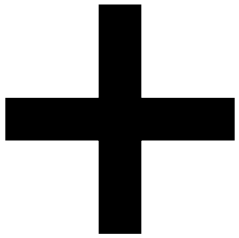
We need something called a

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?