

WHO IS MR. BURNHAM?

HELLO....

CLEARs THROAT....

MR. BURNHAM IN 60 SECONDS....

MR. BURNHAM IN 60 SECONDS....

- I was born in Los Angeles California
- When I was 6 months old we moved to Bogotá Colombia
 - My Dad worked for the Accounting Firm Ernst and Young
- When I was just turning 5 years old we moved to Brussels Belgium
- When I was just turning 12 years old we moved to Cleveland Ohio
- When I was turned 16 years old we moved to Bartlesville Oklahoma
- I went to College at Brigham Young University
 - I earned Electronics Engineering Technology BS Degree
- After College, I worked for Beehive Telephone in Nevada
- Then I worked for Amdahl in Sunnyvale CA
- Then for the last 20+ years I worked for Xilinx in San Jose CA
- Last Year I taught CyberSecurity...

**AND NOW I'M A
MECHATRONICS INSTRUCTOR**

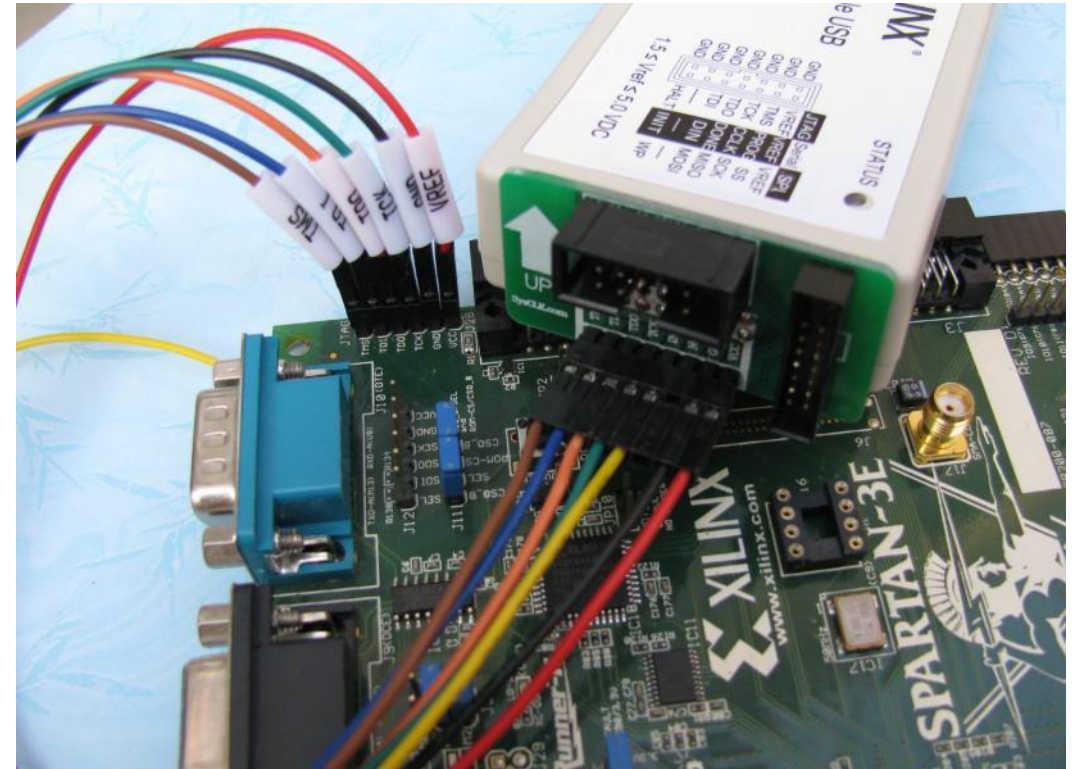
I WAS NOT ALWAYS INTERESTED IN ENGINEERING...

- As a kid, I always liked experimenting
- My father had a work shop, and I used lots of duct-tape
- I had a few small electronics kits...
- I was not the best student, mostly b's and some c's
 - I did like biology and chemistry
 - But I was not a great math student
- 2nd year in college that I got in to the engineering program
 - I had to catch up on my math
 - (algebra 2, Calc1, Calc1 again, Calc2)

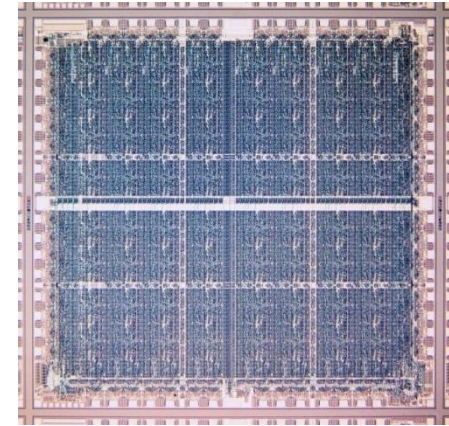


WHAT DID I DO @ XILINX

- Started in Tech Support
 - Hotline, Customer Visits, “Fire Fighting”
 - Configuration Specialist
- Design Center
 - Did FPGA designs for customers
 - Actually still was mostly “Fire Fighting”
- Technical Apps
 - LogicBlox, CoreGen
- Technical Marketing
 - LogiCORE, MicroBlaze, Software Tools
 - Embedded Processing
- Product Marketing (Still very Technical)
 - Define boards and Kits to Demonstrate Xilinx parts



MOST RECENTLY? TECHNICAL MARKETING - BOARDS AND KITS@ XILINX



- Xilinx builds chips our customers can program
 - Our chips are “blank” when our customers get them
 - Our customers do most of the design that goes in to the chip
- The Boards and Kits team design boards to show of our Chips
 - Xilinx customers use the kits to “prototype” their design
 - Our customers, then design their own boards



WORK IS FUN, BUT MY HOBBIES ARE BETTER...

WWW.SQUEAKYHINGE.COM



WORK IS FUN, BUT MY HOBBIES ARE BETTER...

WWW.SQUEAKYHINGE.COM



STEM = Science, Technology, Engineering, Math

STEAM = Science, Technology, Engineering, **ART**, Math
... Because we all need ART in our Lives



ASK ME ANYTHING...

Questions??

