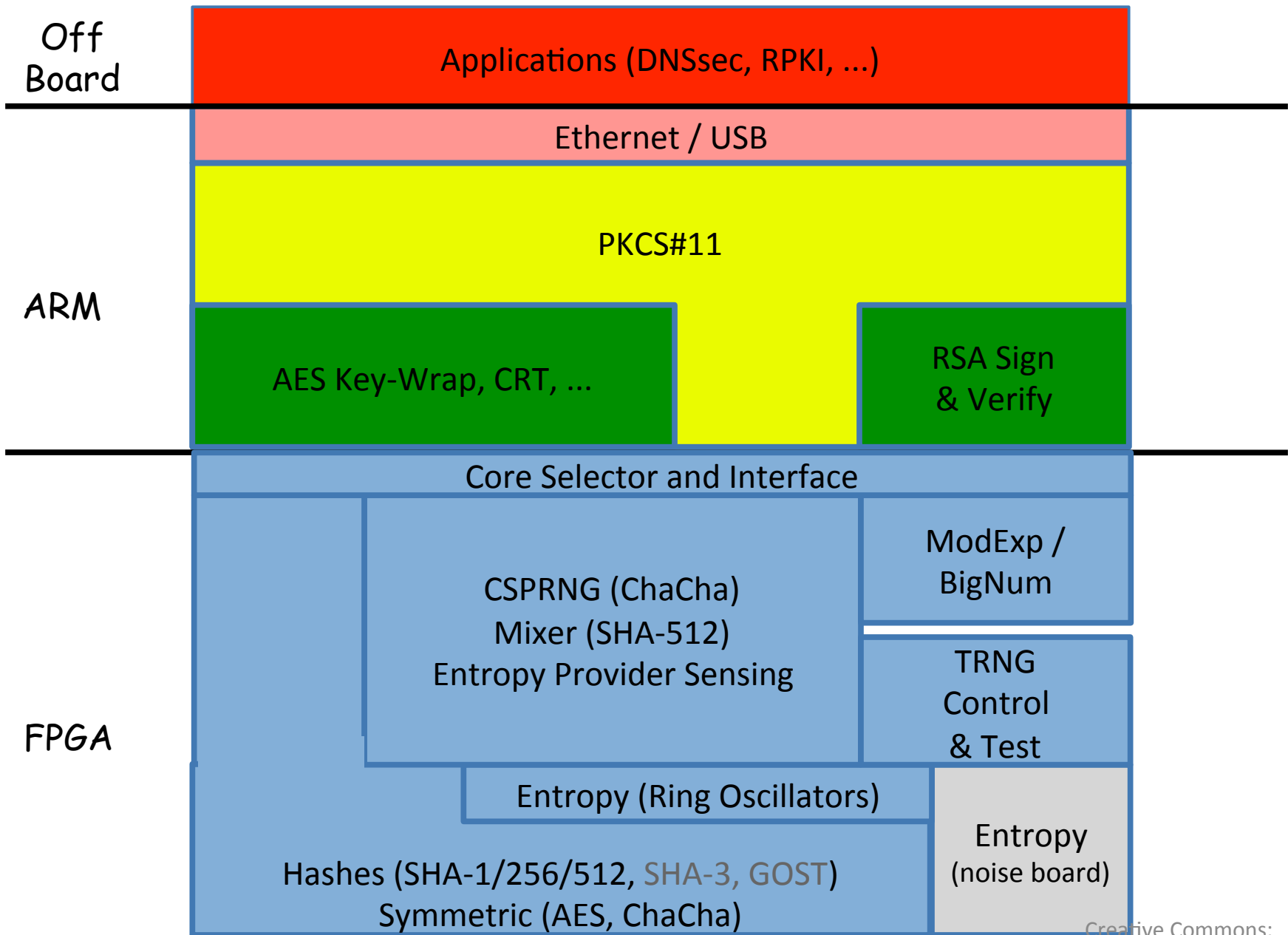


Intro to CryptTech

22 July 2015
cfrg @ IETF93

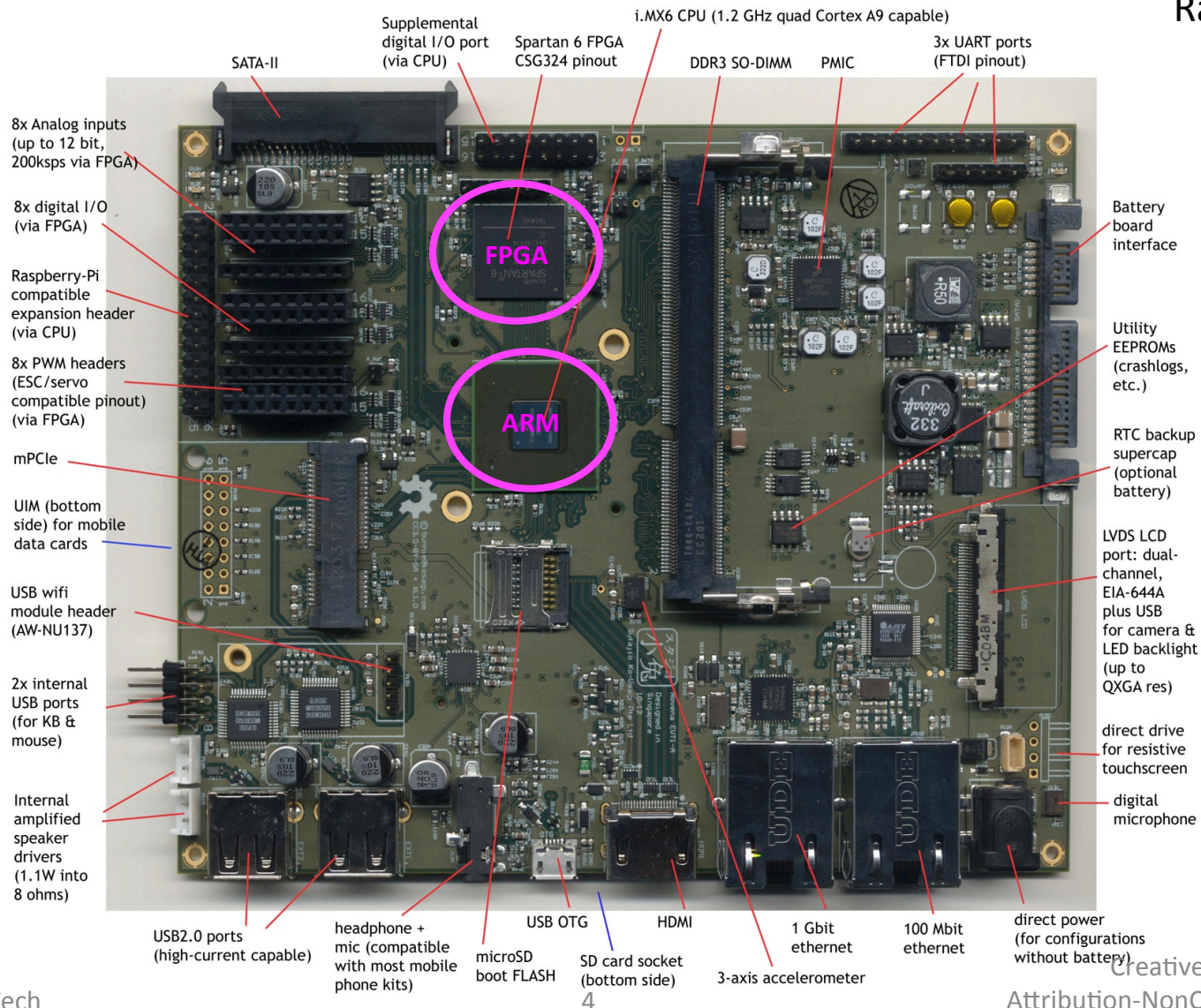
CrypTech

- Motivated by loss of trust in cryptographic algorithms and products
 - Resulting from revelations on pervasive monitoring and potentially compromised algorithms and products
- Open source cryptographic hardware engine design
 - Transparent development and funding
 - Resulting in an open source reference design
 - Anyone can then adapt to their own products or requirements
- Project estimated timeline of three years
 - 1.5 years completed

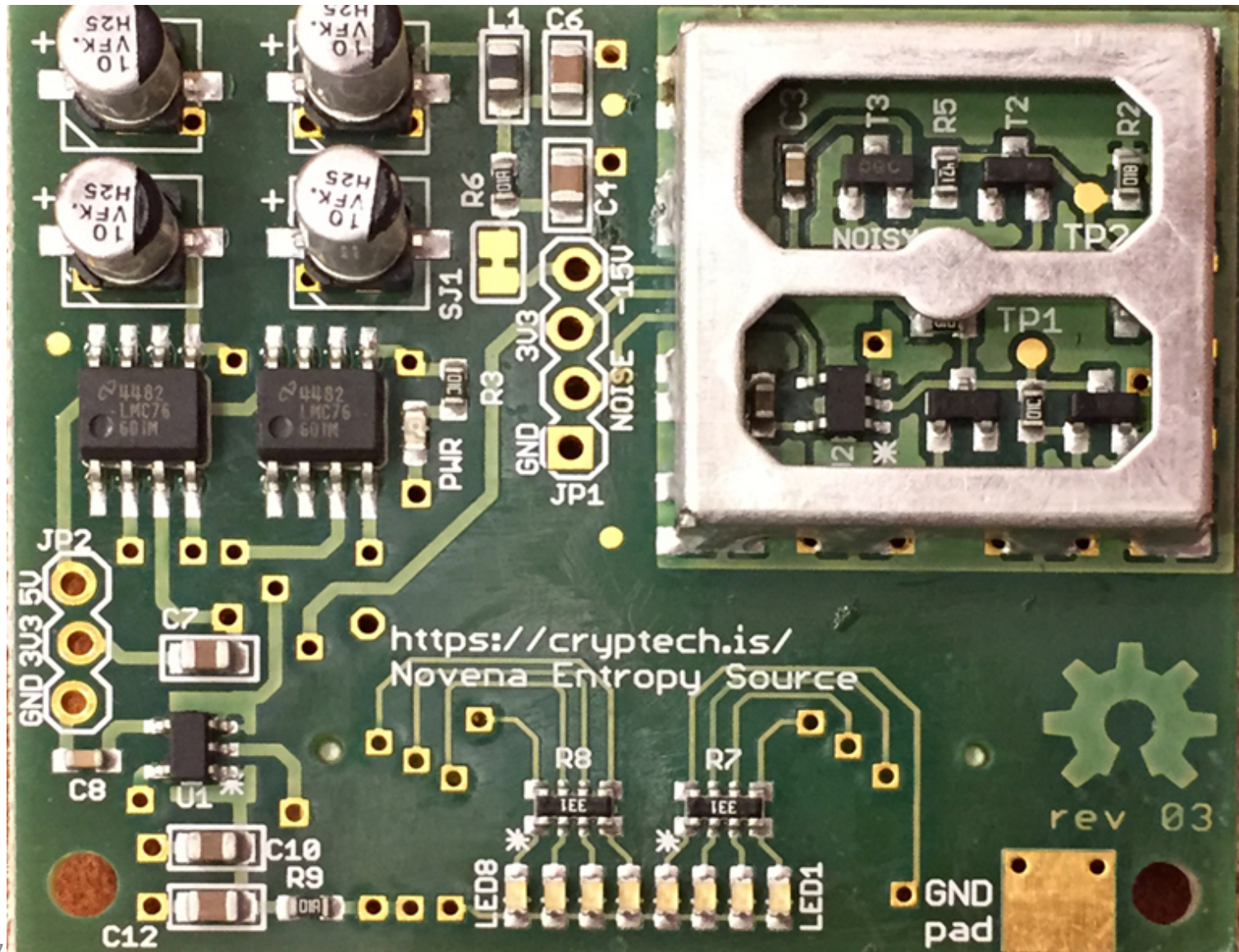


Novena Spartan 'Laptop'

Slide from
Randy Bush



Avalanche Noise Board



For More Information:

- Nerds who are still here
 - Randy Bush, Rob Austein, other members of the core team
- Links:
 - Main website: <https://cryptech.is>
 - Project wiki: <https://trac.cryptech.is/wiki>
 - Slide set from Saturday's workshop:
<http://archive.psg.com/150718.cryptech.pdf>
 - Blog post on one experience at Saturday's workshop
<https://blog.apnic.net/2015/07/21/its-alive-blinkenlights-in-cryptech-ietf93/>

How can you participate?

- Contribute to the development effort (send verilog!).
 - Participate in the public mailing list...
 - Submit use cases
- Discuss how to help others transition this design into products?
- Support fund raising activities.
 - Original budget \$1M/year, currently operating at \$500K/year
 1. Are there specific people or resources that might be engaged to help the fund raising effort?
 2. Are there any suggested contacts that should be pursued for funding.
 3. Are there other approaches or venues that we haven't thought about.
 - Donations can be made to CrypTech via NORDUnet or the Internet Society.
 - <https://cryptech.is/funding/>
 - Click on “How to donate to the CrypTech project” link.