



Trident 3 Based OCP Product Contributions

September 2018

- #1 Network ODM
- Founded 1988, IPO Taiwan 1995
- Engineering: 700 network engineers
- Manufacturing: Accton in Taiwan & China. Partners. TAA Compliant

The Accton logo, consisting of the word "Accton" in a bold, blue, sans-serif font.

Total: 3,750 employees worldwide

- Wholly owned subsidiary of Accton
- Go-to-market organization to network operators
- Manages customer, partner and open community relationships

The logo for Edge-core NETWORKS, featuring the text "Edge-core" in a stylized font with red and black squares, and "NETWORKS" in a smaller, black, sans-serif font below it.

Updating Current Contribution Functionality

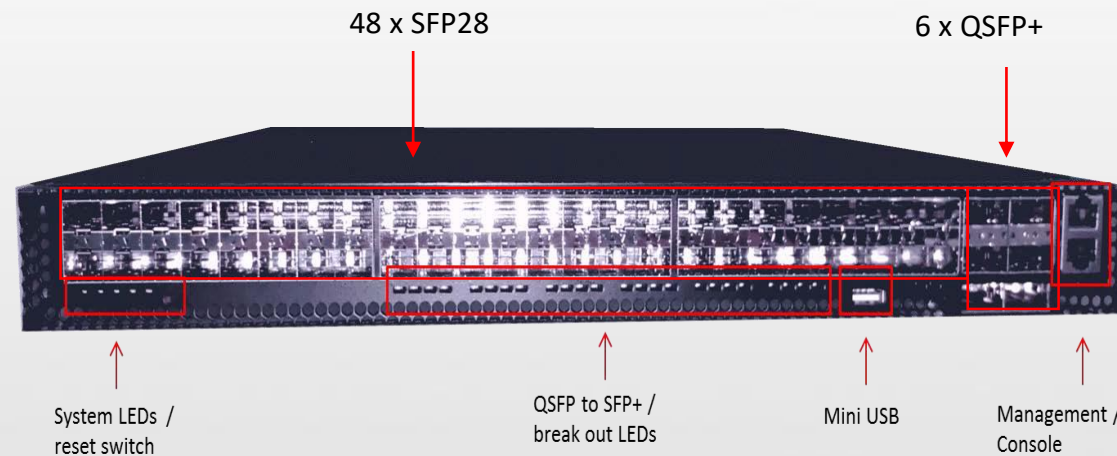
- Edgecore Networks is contributing new designs to “upgrade” the current AS7700-32X and AS7300-54X Tomahawk(+) product contributions with new Trident 3 based designs
- Trident 3 Enhancements
 - Programmable Pipeline
 - 32MB packet Buffer
 - Increased number of MPLS push/pop label support
 - IPv6 VXLAN Support
 - 2X+ Route table size
 - 2x+ ACL table size

Current Tomahawk Based Products

AS7700-32X
Broadcom Tomahawk



AS7300-54X
Broadcom Tomahawk+

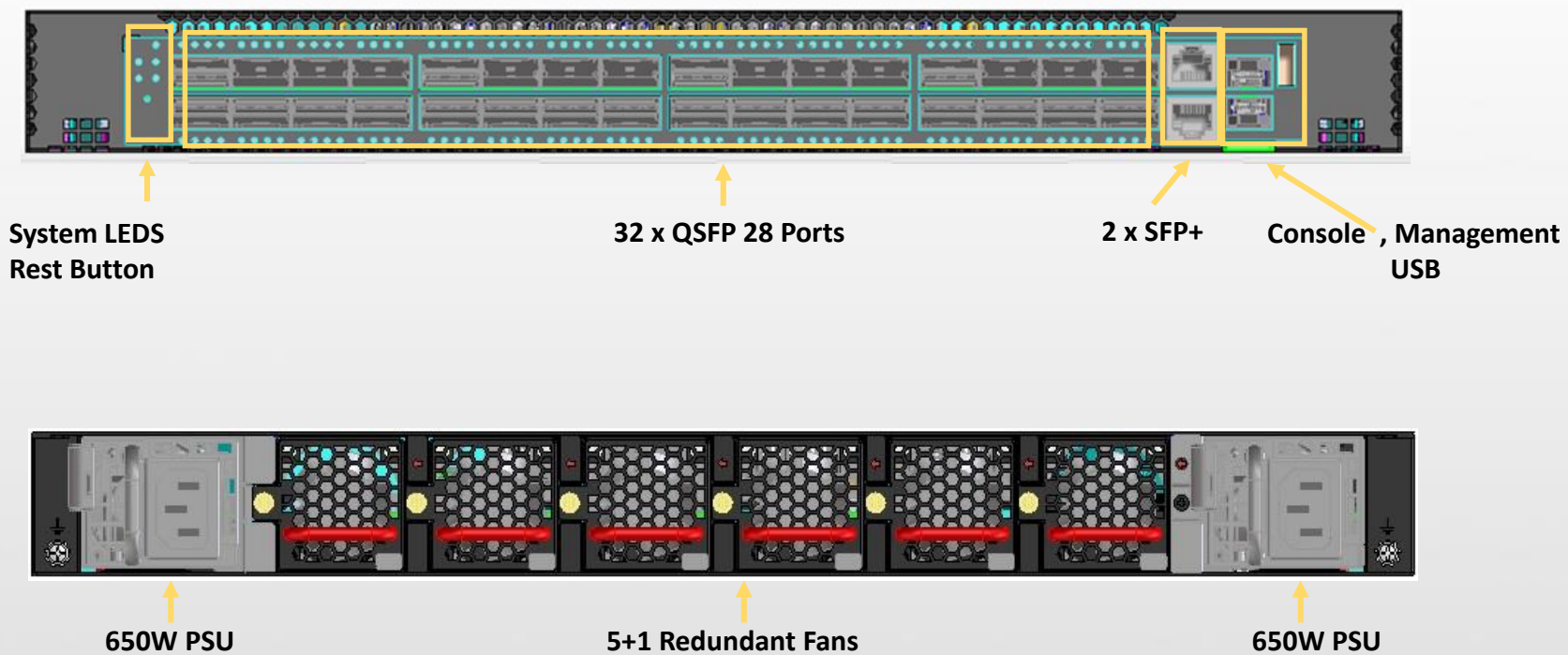


New Trident 3 Based Switch Contributions

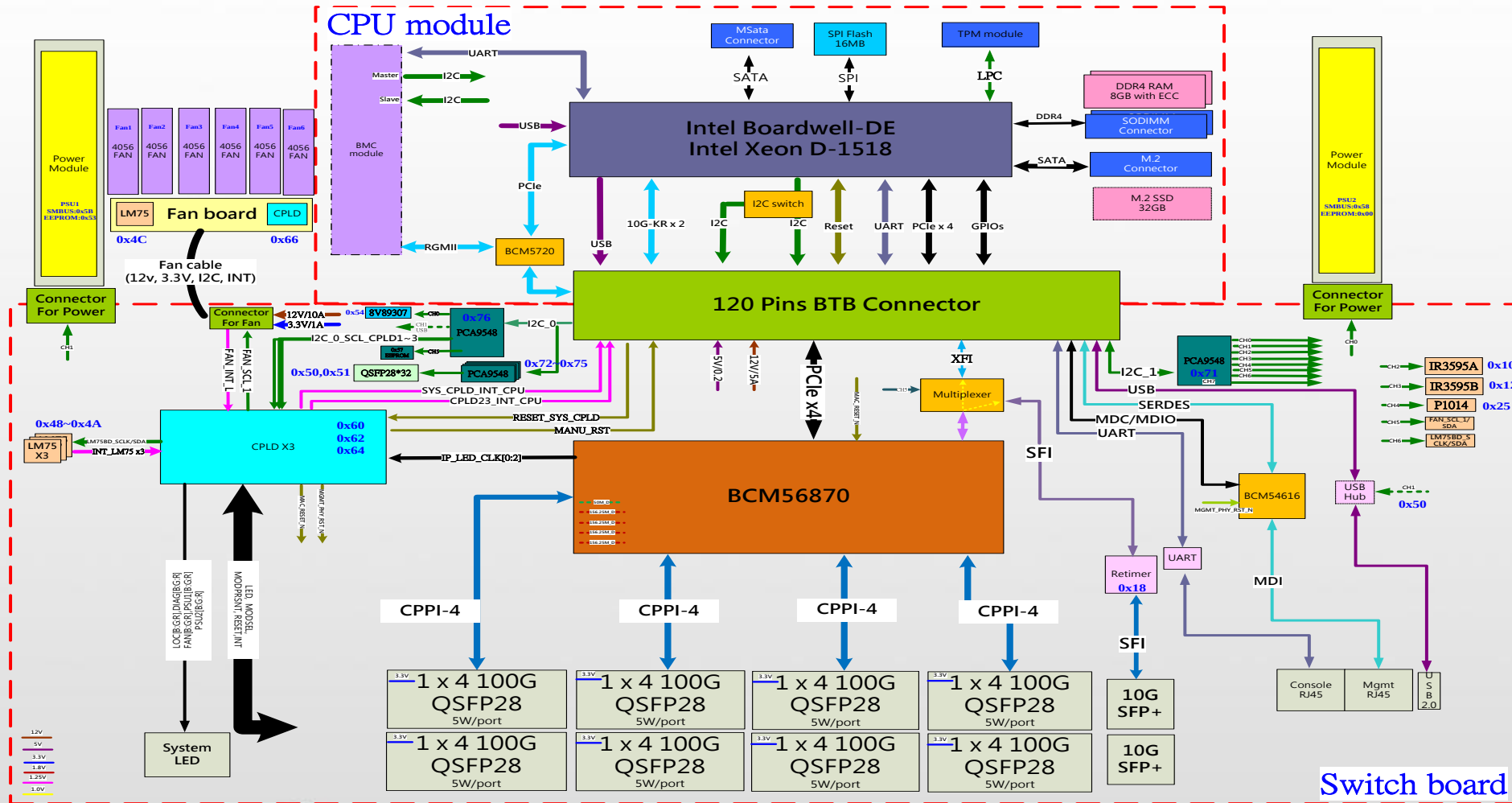
- 32x100G QSFP28 + 2x10G SFP+
 - Based on AS7700-32X OCP-ACCEPTED™ form factor with 2 additional 10G ports
- 48x25G SFP28 + 8x100G QSFP28 + 2x10G SFP+
- Additional features compared to Tomahawk
 - VXLAN Routing
 - Programmability
 - 32MB buffer vs 22MB TH+
 - Increased ACL and table scale
- CPU Module Options
 - Intel Atom C2538 Rangeley
 - Intel Xeon D-1518 with BMC
 - Intel C3558 Denverton



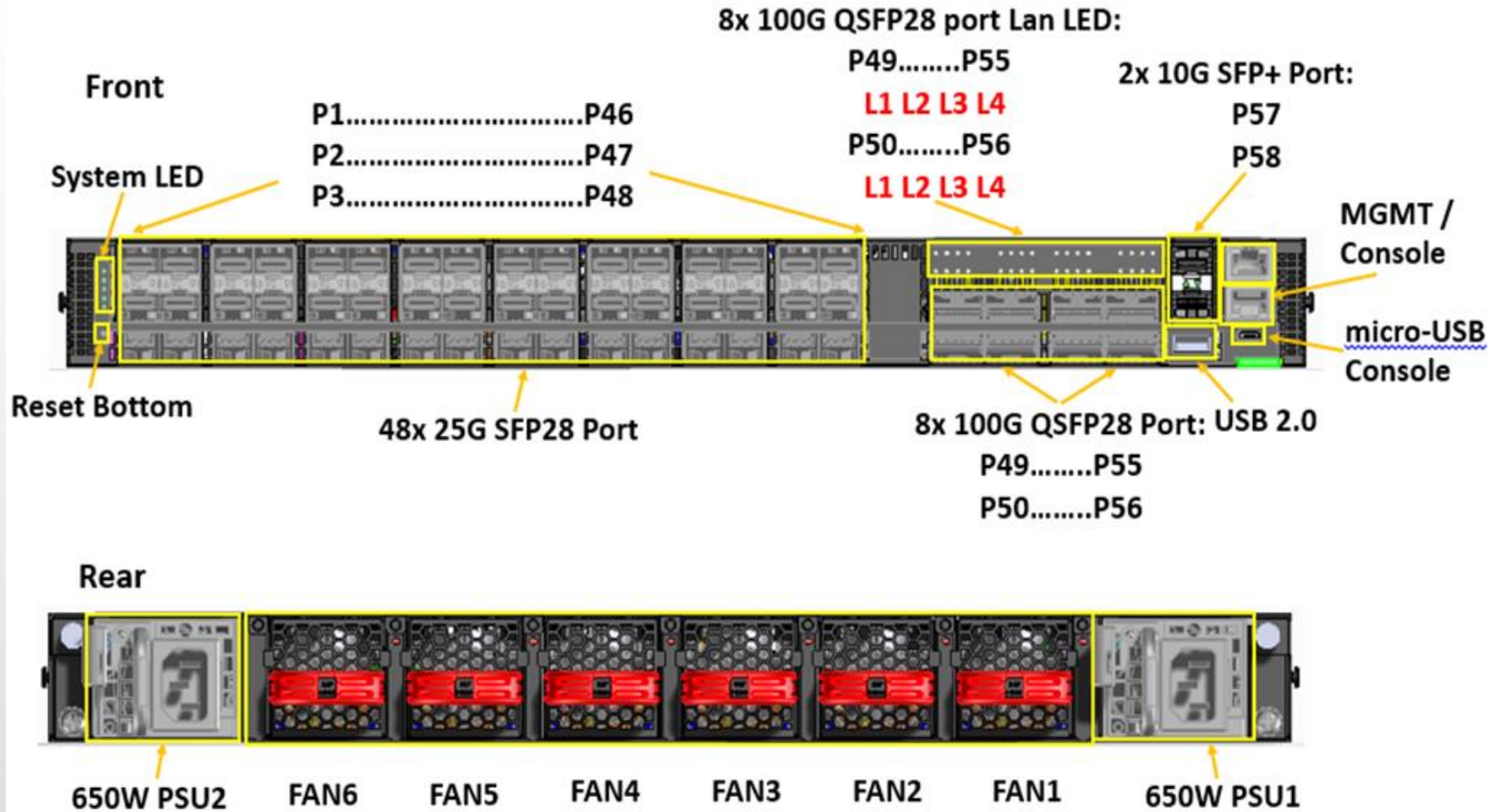
Edgecore AS7726-32X Overview



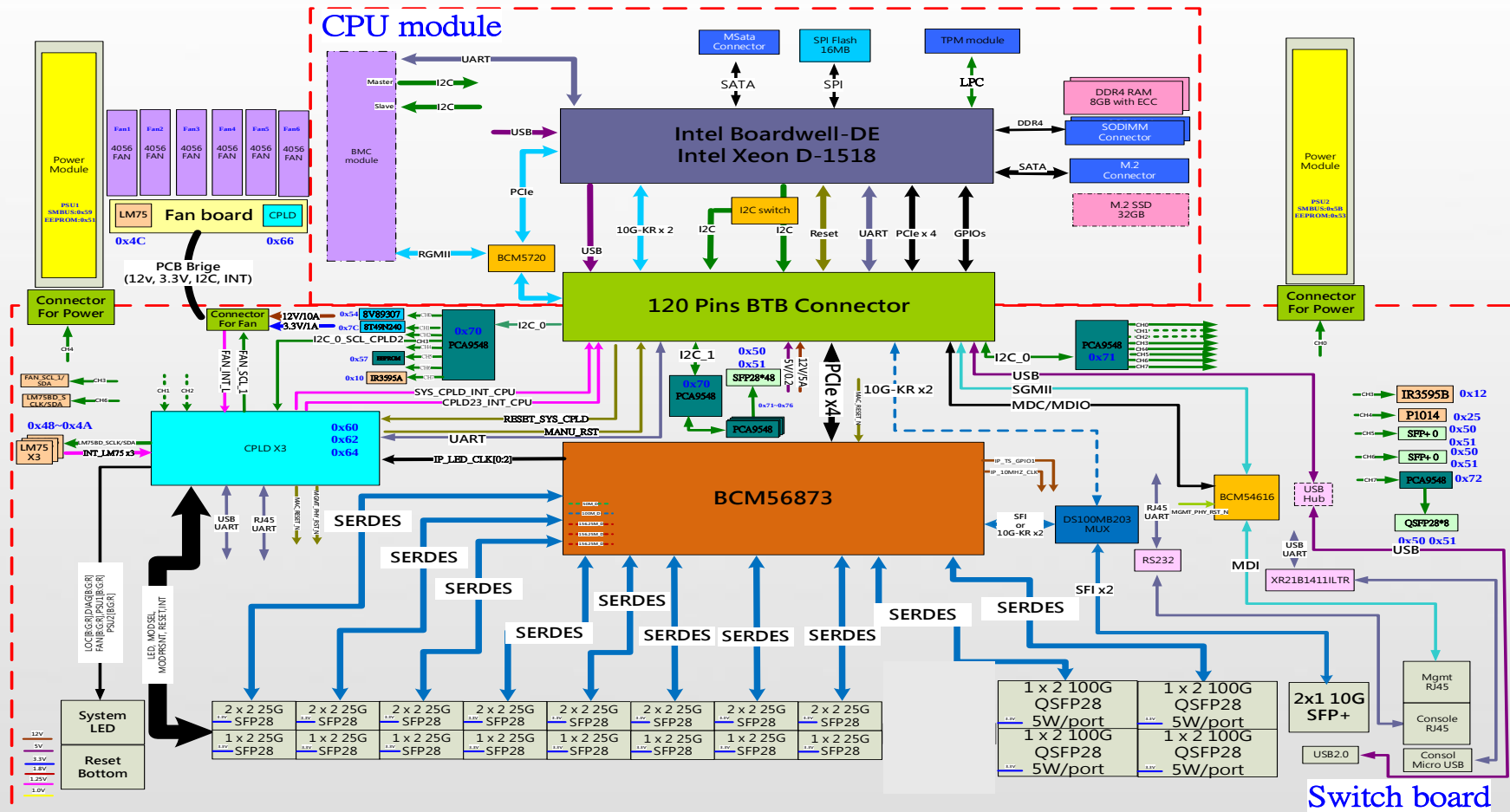
Edgecore AS7726-32X Block Diagram



Edgecore AS7326-56X Overview



Edgecore AS7326-56X Block Diagram

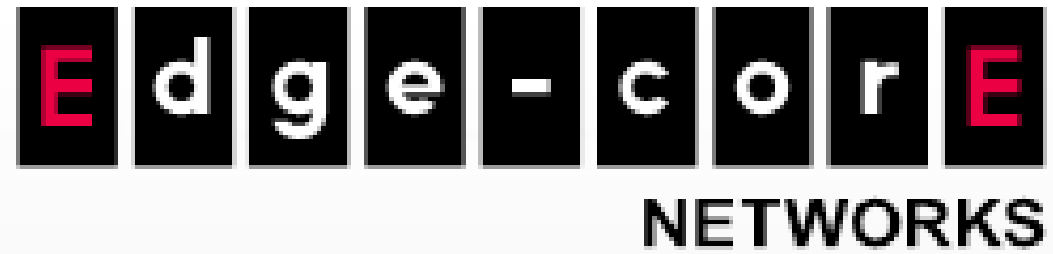


What Is Being Contributed ?

- Design Specification
- Complete Design Package
 - Schematics
 - .brd Files
 - Gerber Files
 - Mechanical STEP Files
 - Complete Bill of Material
 - CPLD Code in Binary and Source format

Contribution Schedule

- Overview presentation on contributions – 9/10/2018
- Design specification available for community review 9/10/2018
- Design package available for review 9/24/2018



Thank You