Project Abstract:
Leverage some IP blocks from our audio products to create a single platform that supports various audio connectivity solutions common to conferencing, residential, education, and infotainment spaces. The resulting platform shall have a newly designed PoE power supply, USB Audio 2.0, USB Audio 1.0, Bluetooth (A2DP, AVRCP, HSP profiles), and Dante connectivity. The application processor shall be a Cortex-M7 to provide a web configuration interface, some minor DSP functions, and USB control.

Software Design:
Reuse of some existing IP.
Research and development of some new features (multichannel USB, control).
Development of board initialization and application code.
Performs software validation and assists electrical design resource with board validation.
Aid in transition to manufacturing.

Estimated Budget: