Release Notes for SHARC Audio Module
Bare Metal SDK Rel.2.2.0

Contents

1 Introduction

This document describes information for users of the SHARC Audio Module 2.2.0 release. For information regarding installation, system requirements and support please visit http://analog.com /sharcaudiomodule.

2 New and Noteworthy

2.1 SHARC Audio Module Rev 2.1 Support

This release includes software updates for the SHARC Audio Module revision 2.1 main board.

Software Update:

- The new Rev 2.1 SAM Board clock frequency is set to be of 24576000 Hz which is twice the previous boards frequency. So, the framework is updated to accommodate this change.
- ADAU 1761 codec driver configuration files are updated to work with the modified clock frequency and the SRU configurations are modified.

2.2 Minor Bug Fixes

In addition to the referenced changes above there were a handful of other minor fixes to the bare metal framework.

3 Support

For getting started with SHARC Audio Module, please visit Getting Started [Analog Devices Wiki] Analog Wiki page which provides regular updates and basic steps for setting up and using the module. The page also contains links to other resources and tutorials that can help explore the features and capabilities of the SHARC Audio Module.

For questions and feedback surrounding the SHARC Audio Module, please visit the SHARC Audio Module EngineerZone® page.

4 Known Issues

4.1 Using Faust with the SHARC Audio Module

Although there is mention of Faust in some of the current documentation, Faust support relies heavily on the current Faust compiler and software. As that software changes, it could cause issues with the generated code used within the bare metal framework. For more up-to-date information on the best version of Faust to use with the SHARC Audio Module bare metal framework, please reference the *Faust and the SHARC Audio Module* page found at http://analog.com /sharcaudiomodule.