TuneBox

14 March 2016

Meeting Agenda

Plan: Stick with one microcontroller. Discuss available options.

Possibly replace current microcontroller with a PIC32MZ0512EFE064.

* Runs at 200 MHz as opposed to 80 MHz of current PIC32.
* Necessary to sample fast enough and perform memory save and apply effects.

Questions:

* Considering different negative voltage regulators
* Most efficient way to switch a bit?
* Bit set and bit clear operations

Focuses within the team for coming weeks:

* Jake and Charles - Mobile app and communication software
* Beau and Austin - Hardware configuration and operating software