



AUDIO PROCESSING SYSTEM

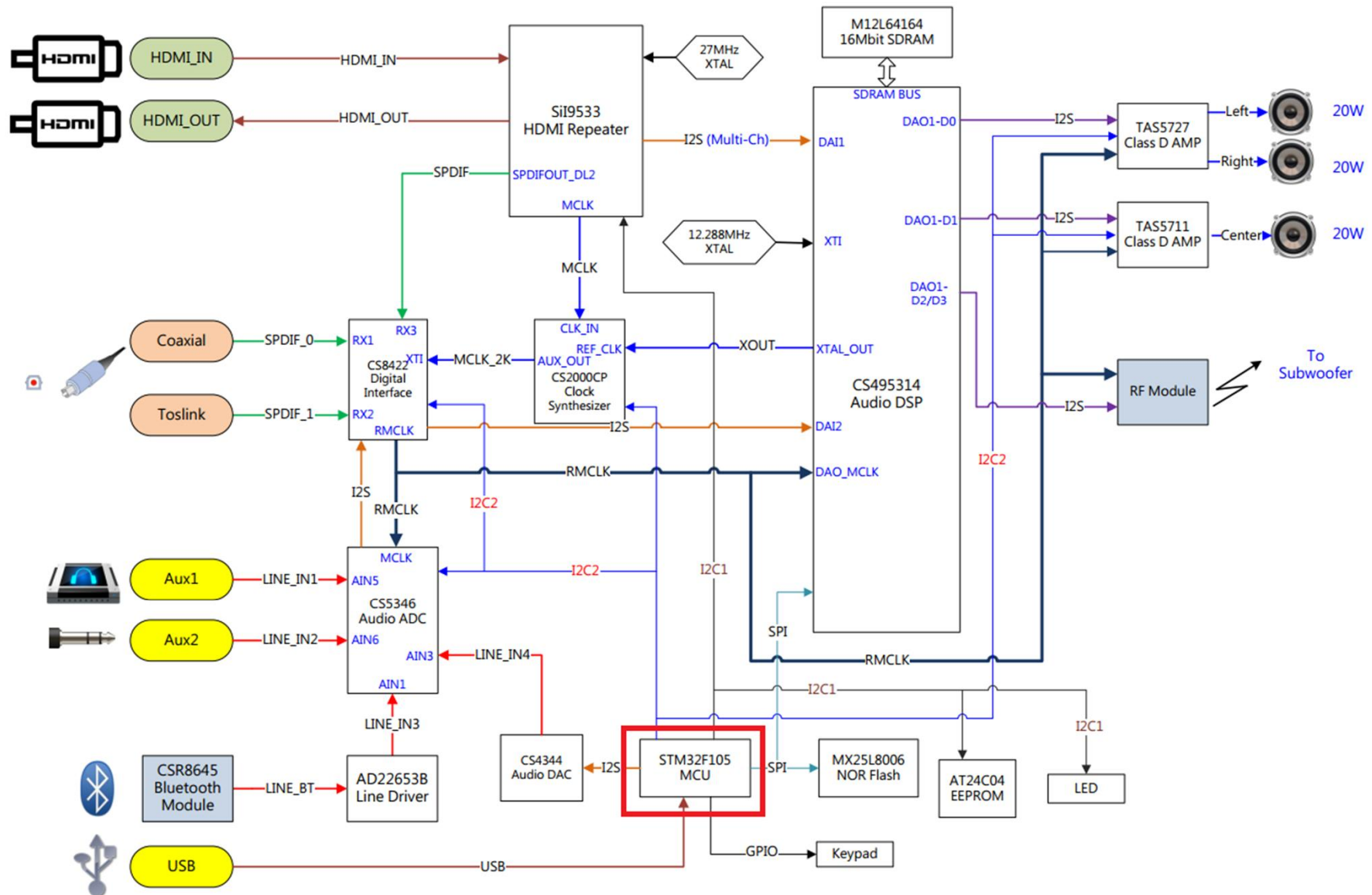
PROFESSIONAL EXPERIENCE INTRODUCTION

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Audio Processing System



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■ Design Material

- I2C, RS-232/UART, SPI, ADC, I2S, GPIO
- Bare-metal programming.
 - MCU bootloader.
 - USB pen driver, UART firmware upgrading.
- RTOS Porting (FreeRTOS)
 - Memory management, Mutexes, Multitasking, Message Queues, Interruption Management...etc.
- Modular design and porting.
 - Audio CODEC, ADC, DAC, LED indicators, IR remote decode.
- Assistant debug tool
 - Experience in Audio Precision
 - Digital multimeters, Oscilloscope, Logic analyzer.
- Tracking System
 - Git, JIRA, Redmine