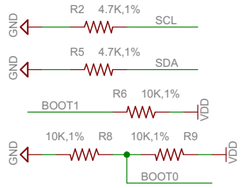
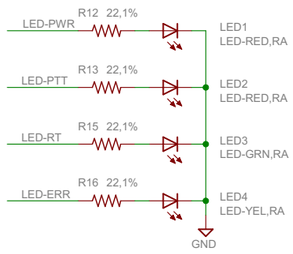
DATE	REVISION	ECN	REV	BY
04/21/14	Added to SourceForge Repository			RGB
04/25/14	Pre-Release to Prototype		A	RGB

PULLUPS & PULLDOWNS

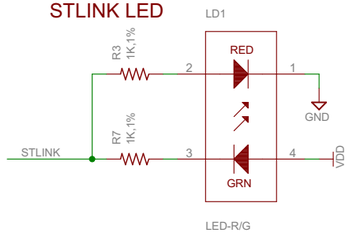


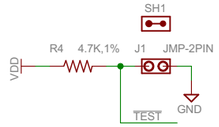
LED's



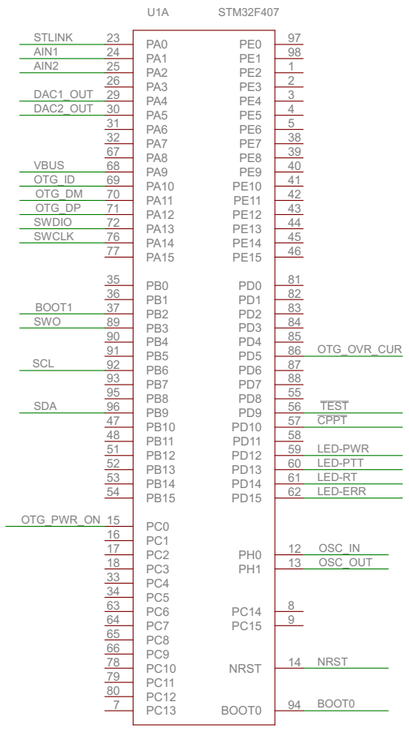
STLINK

STLINK LED

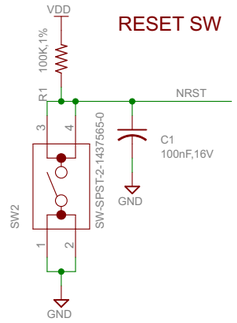




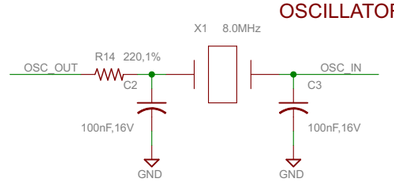
STM32F407 CPU



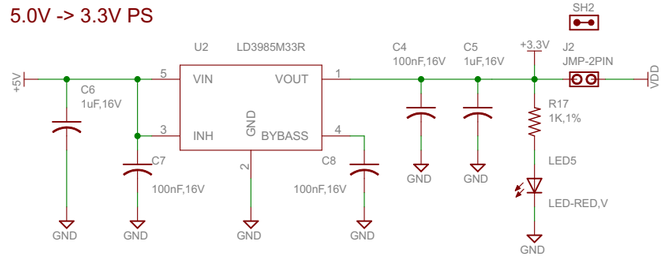
RESET SW



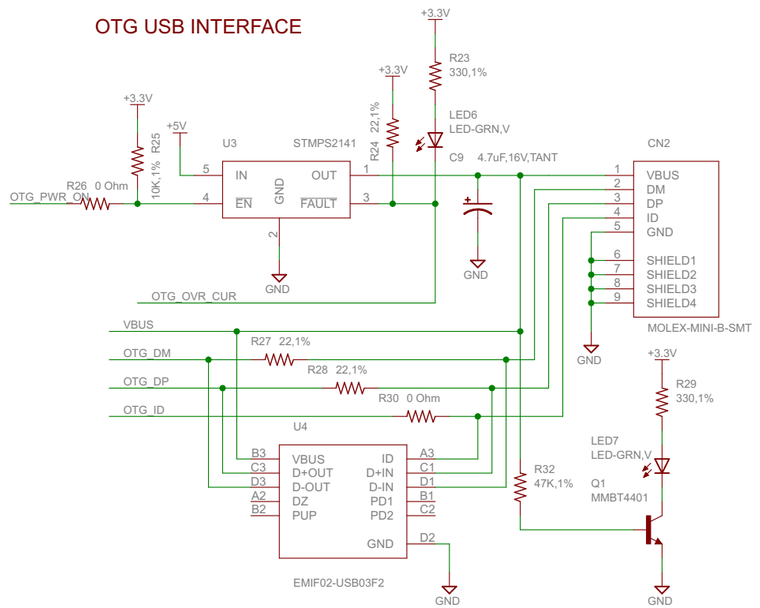
OSCILLATOR CRYSTAL



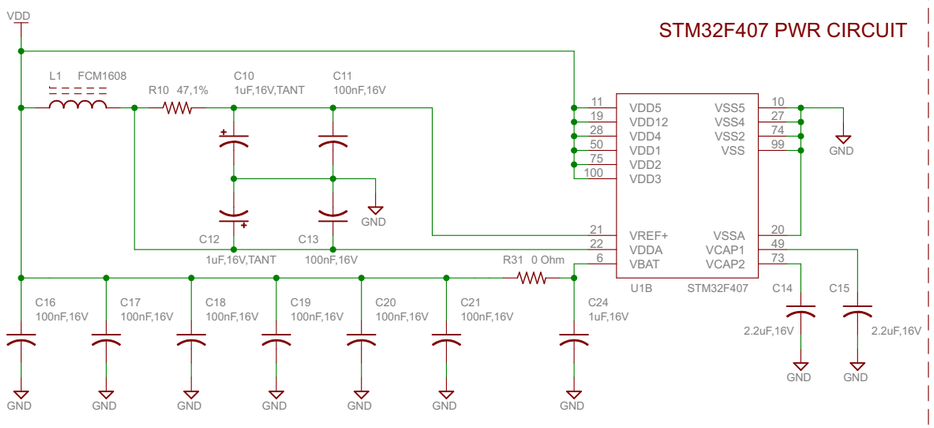
5.0V -> 3.3V PS



OTG USB INTERFACE



STM32F407 PWR CIRCUIT



Add RC & L filtering to I/O & PS
CHANGE LED VALUES IN BOM DB

PCB1
SM1000A
PRINTED CIRCUIT BOARD

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ROWETEL

TITLE: SmartMic Circuit Board

Document Number: SM1000

REV: A

Date: 4/25/2014 11:31:53 AM

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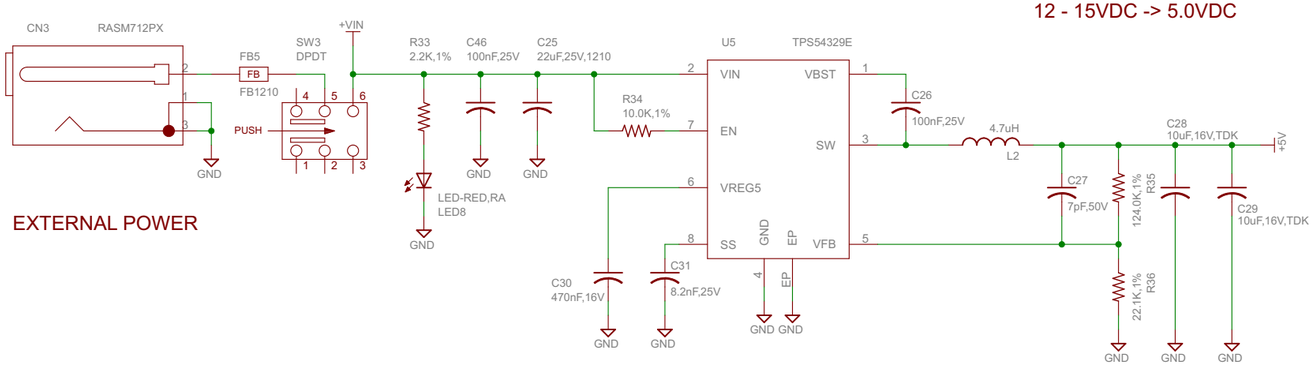
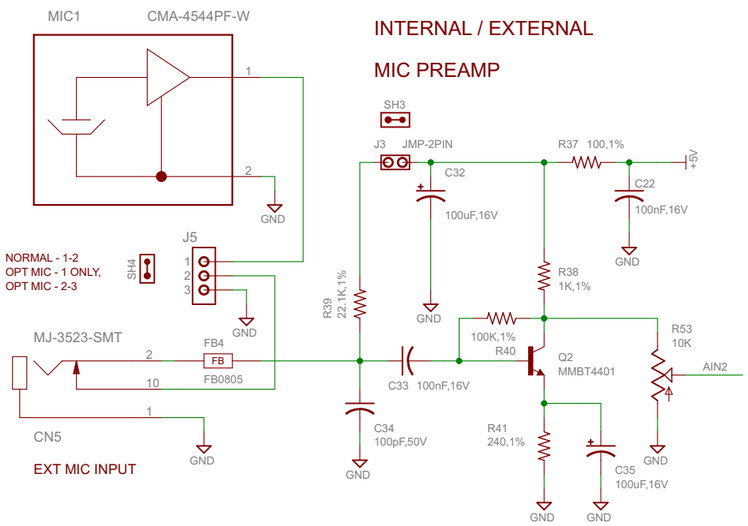
DATE	REVISION	ECN	REV	BY
04/21/14	Added to SourceForge Repository			RGB
04/25/14	Pre-Release to Prototype		A	RGB

12 - 15VDC -> 5.0VDC

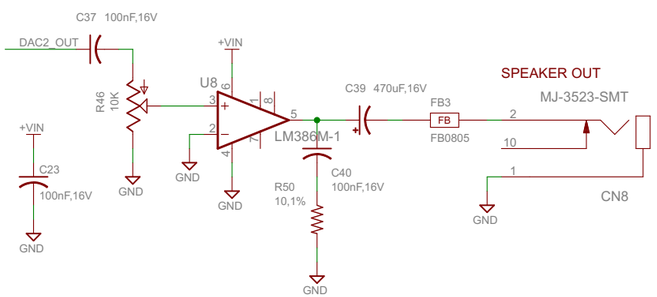


EXTERNAL POWER

INTERNAL / EXTERNAL MIC PREAMP

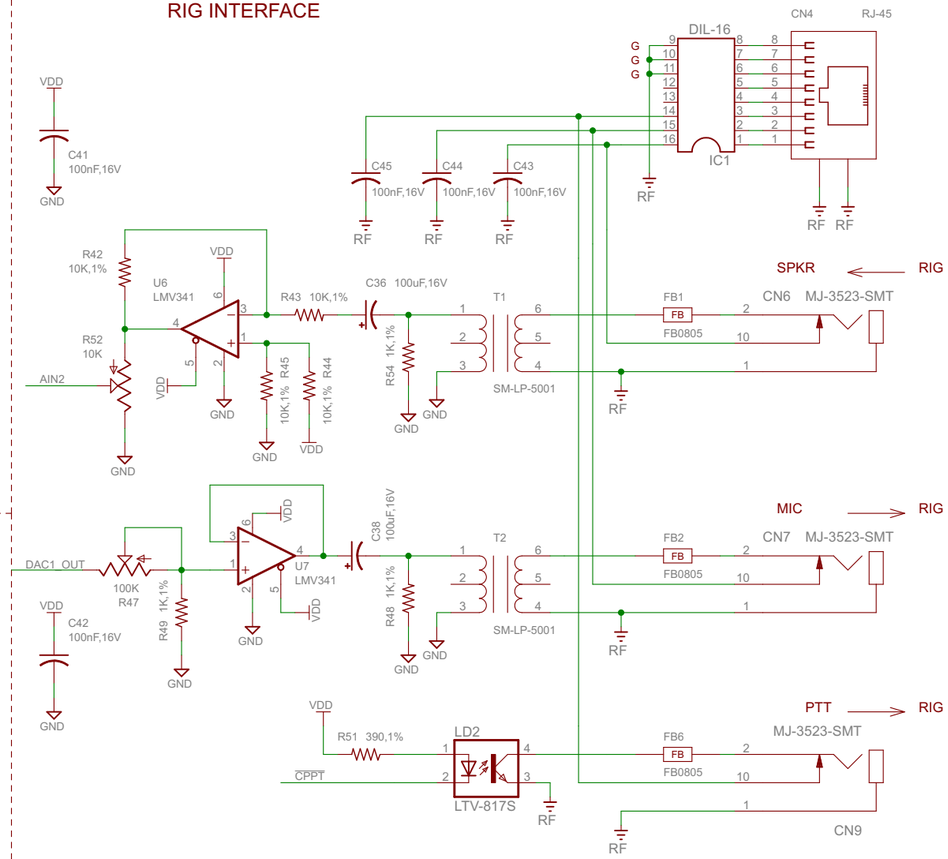


EXTERNAL SPEAKER PREAMP



EXT. SPEAKER

RIG INTERFACE



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ROWETEL

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Sheet: 2/2