

LED's

R2 4.7K, 1% USART3\_RX

R5 4.7K, 1% USART3\_TX

R6 1K, 1% GND

BOOT1

LED-PWR R12 680,1% Power LED1 LED-RE

LED-PTT R13 680,1% PTT LED2 LED-RE

LED-RT R15 680,1% Sync LED3 LED-GR

LED-ERR R16 680,1% Clip/Error LED4 LED-YE

GND

VDD

R4 4.7K, 1%

TEST

J1 JMP-2PIN

GND



VDD

3 4

SW1

SW-BOURNS-7914S

1 2

R57 470,1%

BOOT0

R1 10K,1%

GND

**NOTE: SW1 HELD ON POWER UP  
FORCES BOOT TO SYSTEM  
MEMORY (STLINK)**

3.3V TTL Levels

CN11 HDR100-3

USART3\_TX

USART3\_RX

GND

1  
2  
3

[illegible]

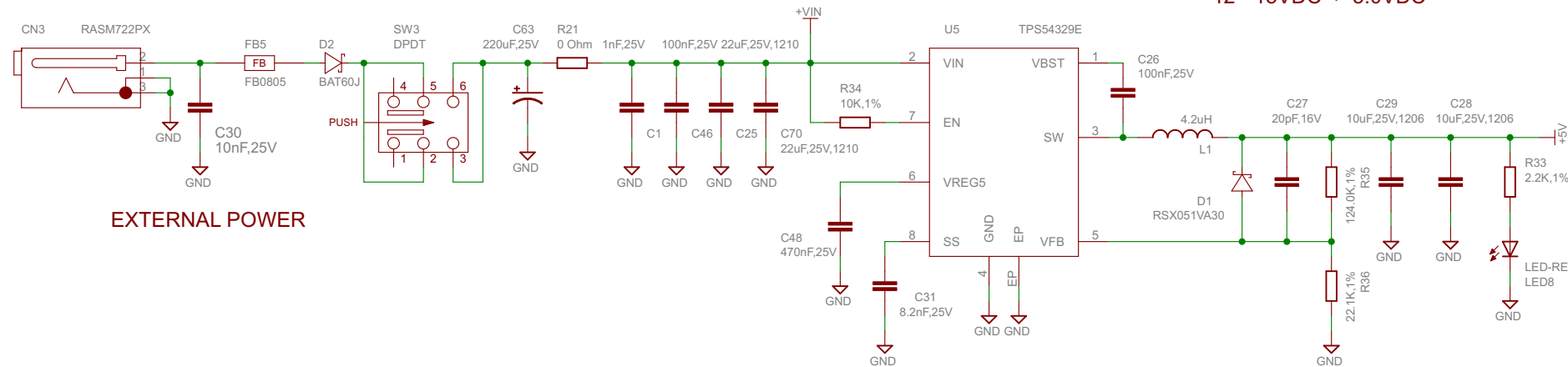
Note: All non-polarized capacitors packages are 0603 unless otherwise noted.  
Note: All resistor packages are 0603 unless otherwise noted.

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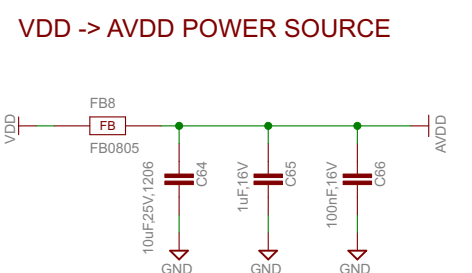
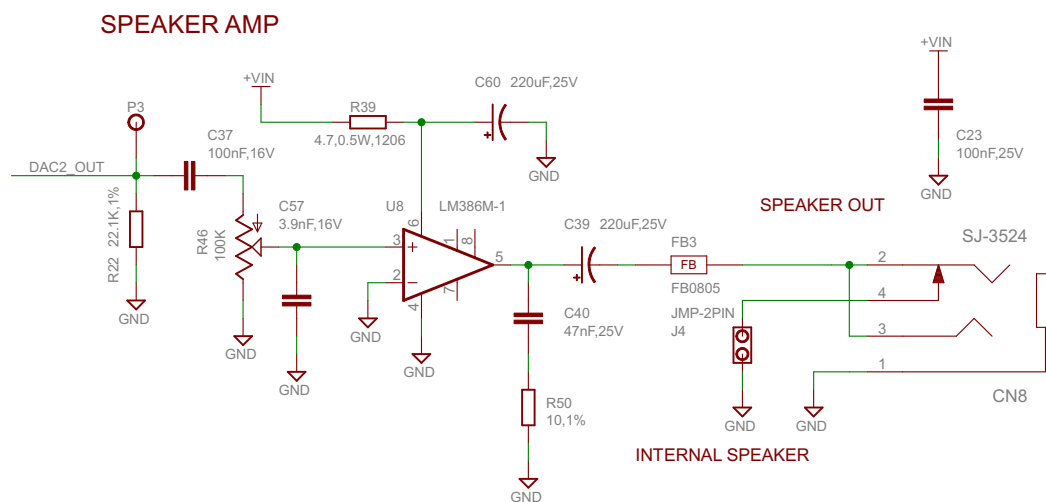
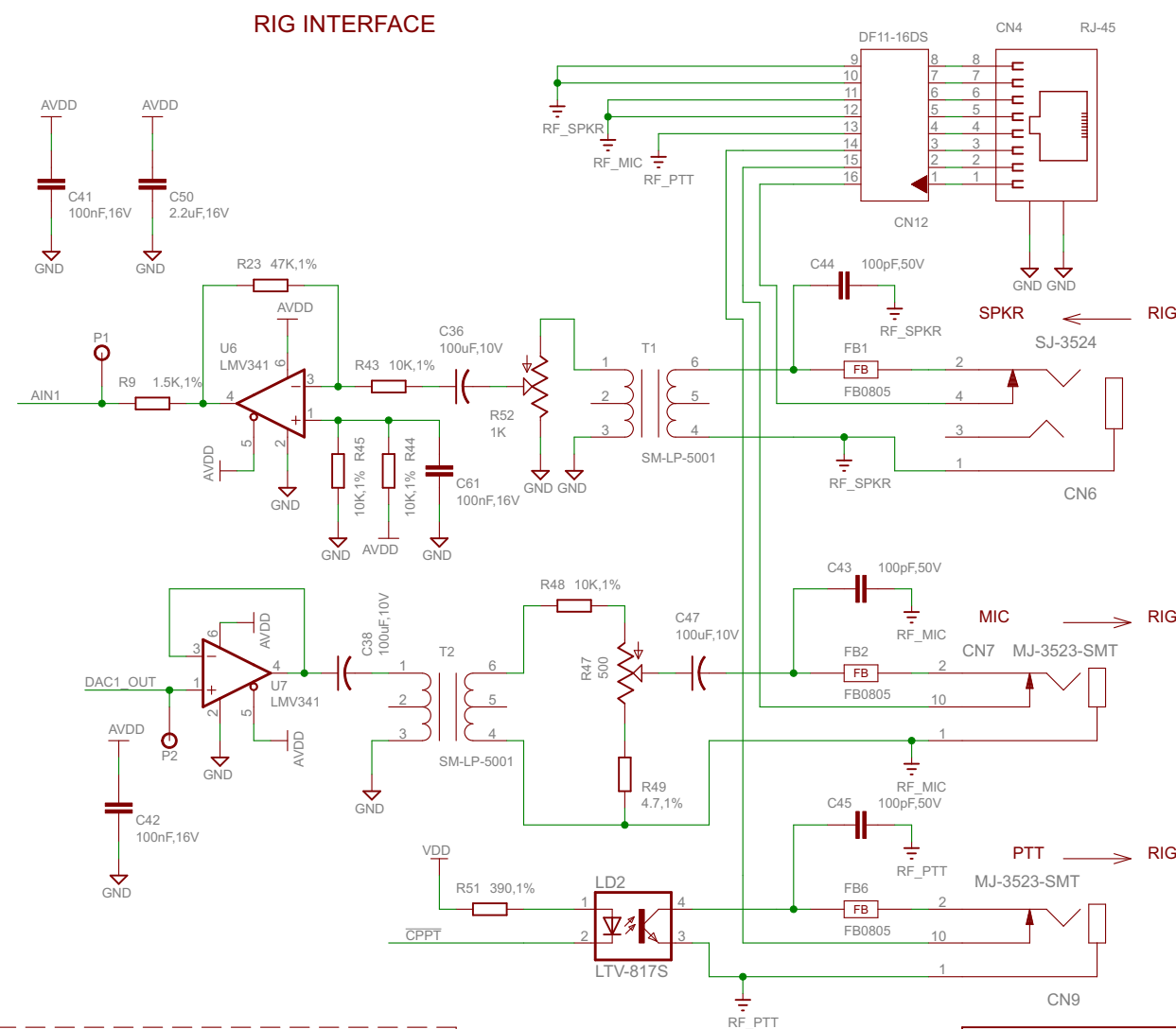
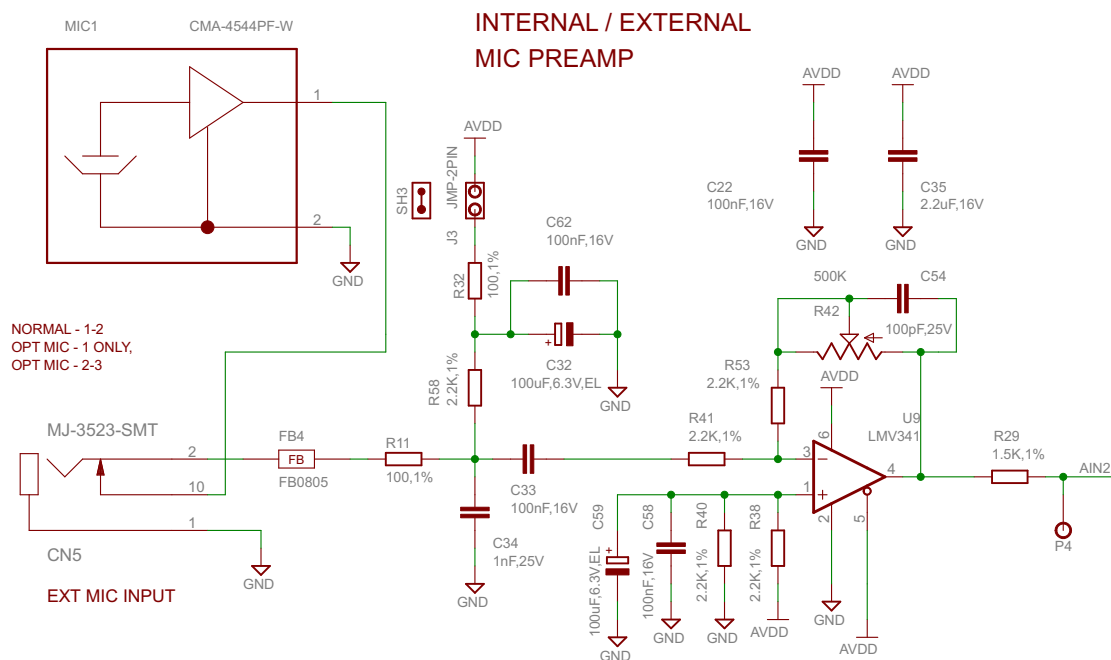
TITLE: SmartMic Circuit Board

REV:  
C

Sheet: 1/2



| DATE     | REVISION                        | ECN | REV | BY  |
|----------|---------------------------------|-----|-----|-----|
| 04/21/14 | Added to SourceForge Repository |     |     | RGB |
| 04/25/14 | Pre-Release to Prototype        |     | A   | RGB |
| 05/28/14 | Release for Review              |     | B   | RGB |
| 06/13/14 | Release for Prototype           |     | B   | RGB |
| 10/13/14 | Release for Production          |     | C   | RGB |



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|---|------------|
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| <h1>ROWETEL</h1>  |            |
| TITLE: Smart Mic Circuit Board  |            |
| Document Number: SM1000-C   | REV: C     |
| Date: 10/15/2014 8:01:24 AM   | Sheet: 2/2 |