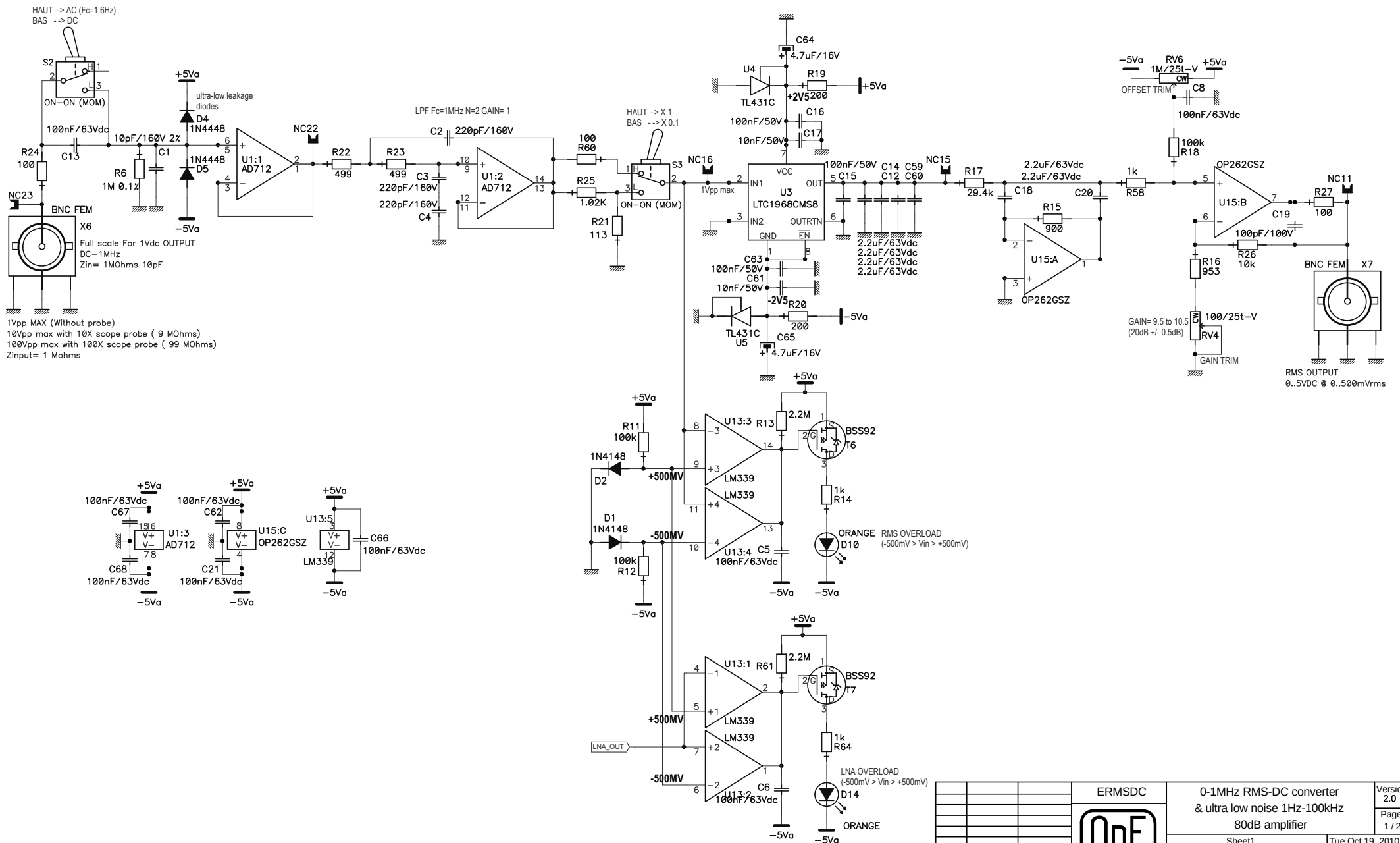
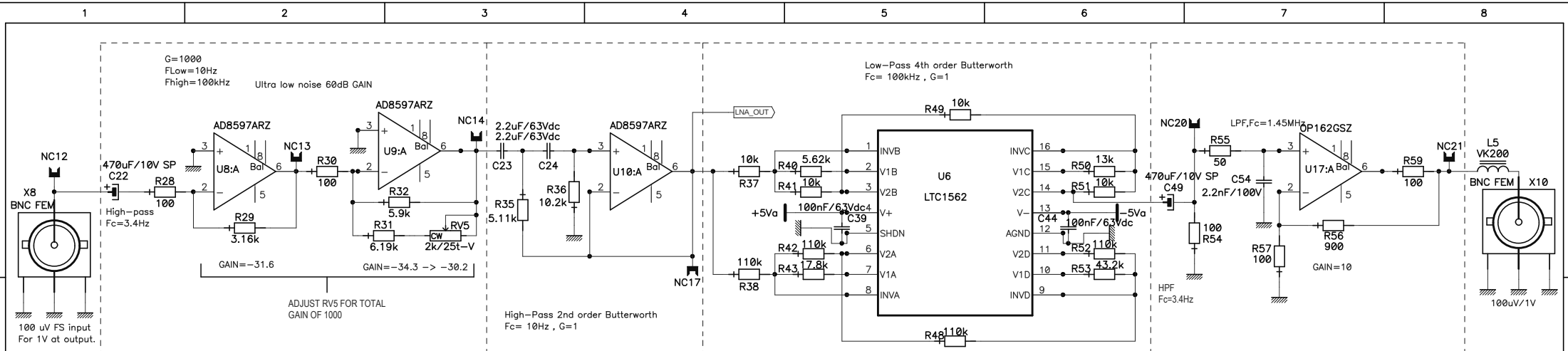


# DC..1MHz precision RMS voltmeter

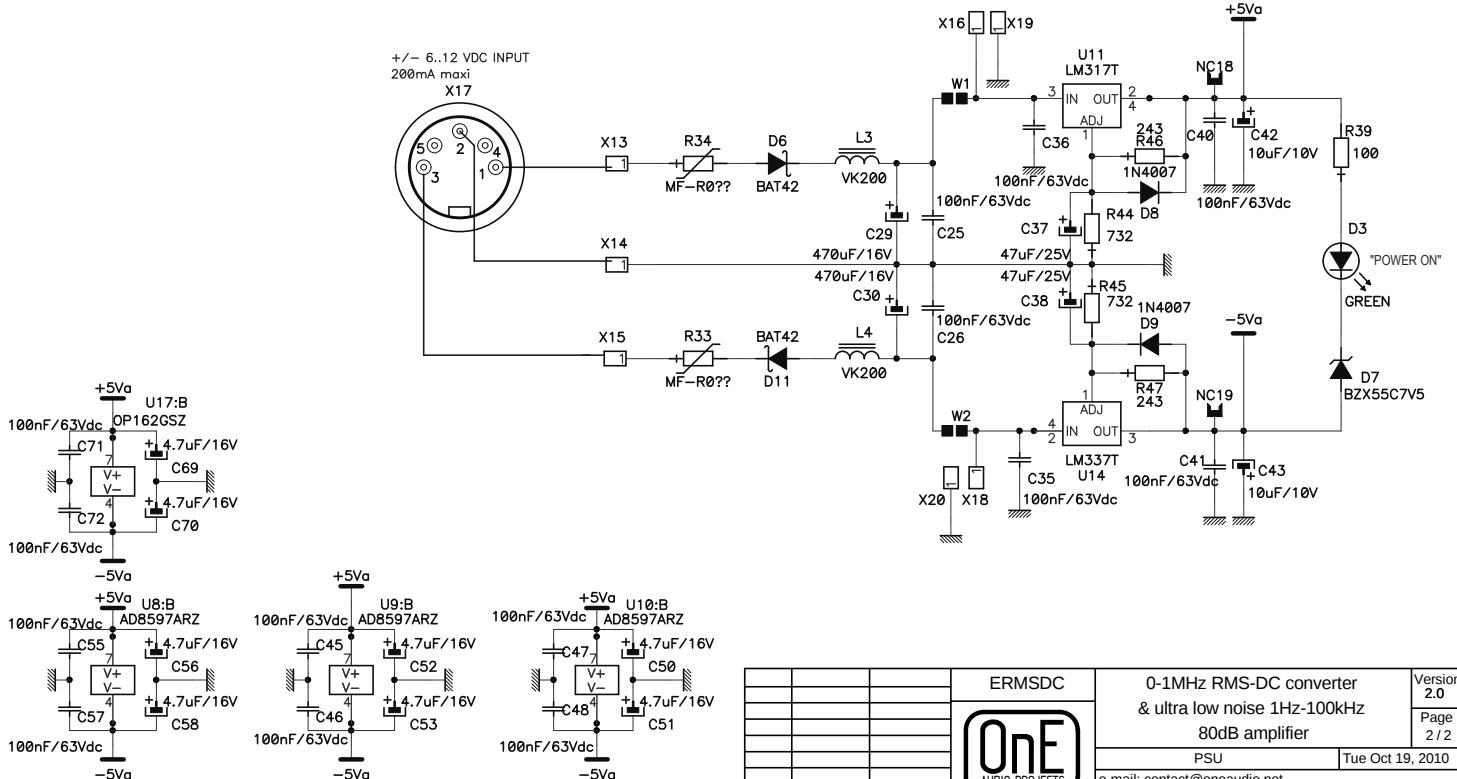




Ultra-low noise 80dB GAIN BLOCK 10Hz..100kHz banpass.

| Spare Gate Table |                                                   |             |
|------------------|---------------------------------------------------|-------------|
| Last Used        | Not Used                                          | Spare Gates |
| C72              | C7, C9, C10, C11, C27, C28, C31, C32, C33, C34    |             |
| D14              | D12, D13                                          |             |
| L5               | L1, L2                                            |             |
| NC23             | NC1, NC2, NC3, NC4, NC5, NC6, NC7, NC8, NC9, NC10 |             |
| R64              | R1, R2, R3, R4, R5, R7, R8, R9, R10, R62, R63     |             |
| RV6              | RV1, RV2, RV3                                     |             |
| S3               | S1                                                |             |
| T7               | T1, T2, T3, T4, T5                                |             |
| U17              | U2, U7, U12, U16                                  |             |
| W2               |                                                   |             |
| X20              | X1, X2, X3, X4, X5, X9, X11, X12                  |             |

| Power Table |              |              |            |                   |      |          |
|-------------|--------------|--------------|------------|-------------------|------|----------|
| Ref Des     | Device(Type) | Package      | GND        | +2V5              | -5VA | +5VA     |
| U1          | AD712JNZ     | DIP8_SOIC8   |            | 8,7               |      | 16,15    |
| U3          | LTC1968CMS8  | DIP8N_MSOP8  | 11,3,14,6  | 7,15              |      | 16,8,1,9 |
| U4          | TL431C       | TO92         | 2          | 1,3               |      |          |
| U5          | TL431C       | TO92         | 1,3        |                   |      | 2        |
| U6          | LTC1562      | DIP16_SSOP20 | 12,5,31,22 | 13,33,30,32,23,20 | 21,4 |          |
| U8          | AD8597ARZ    | DIP8_SOIC8_A | 11,3       | 4,12              | 7,15 |          |
| U9          | AD8597ARZ    | DIP8_SOIC8_A | 11,3       | 4,12              | 7,15 |          |
| U10         | AD8597ARZ    | DIP8_SOIC8_A |            | 4,12              | 7,15 |          |
| U11         | LM317T       | TO220        |            |                   | 4,2  |          |
| U13         | LM339        | DIP14_N      |            | 12                |      |          |
| U14         | LM337T       | TO220        |            | 3                 |      |          |
| U15         | OP262GSZ     | DIP8_SOIC8_A | 11,3       | 12,4              | 16,8 |          |
| U17         | OP162GSZ     | DIP8_SOIC8_A |            | 4,12              | 7,15 |          |



Ver

Date

Nom

ERMSDC

0-1MHz RMS-DC converter  
& ultra low noise 1Hz-100kHz  
80dB amplifier

PSU

Tue Oct 19, 2010

Version 2.0

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