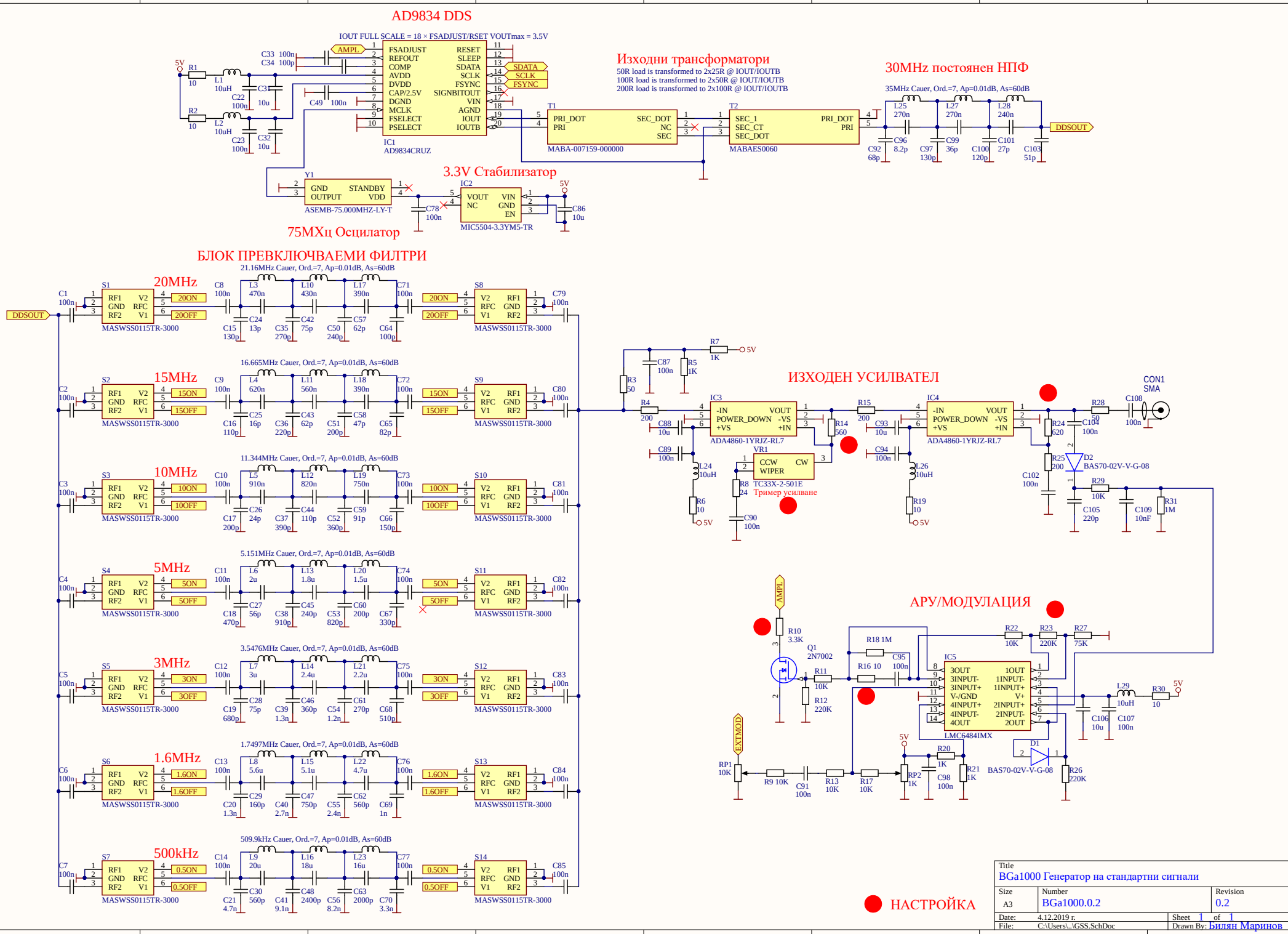
AD9834 DDS
IOUT FULL SCALE = 18 × FSADJUST/RSET VOUTmax = 3.5V
FSADJUST
REFOUT
COMP
AVDD
DVDD
CAP/2.5V
DGND
MCLK
FSELECT
PSELECT
RESET
SLEEP
SDATA
SCLK
FSYNC
SIGNBITOUT
VIN
AGND
IOUT
IOUTB
AMPL
SDATA
SCLK
FSYNC
IC1
AD9834CRUZ
Изходни трансформатори
50R load is transformed to 2x25R @ IOUT/IOUTB
100R load is transformed to 2x50R @ IOUT/IOUTB
200R load is transformed to 2x100R @ IOUT/IOUTB
T1
MABA-007159-000000
T2
MABAES0060
30MHz постоянен НПФ
35MHz Cauer, Ord.=7, Ap=0.01dB, As=60dB
DDSOUT
3.3V Стабилизатор
IC2
MIC5504-3.3YM5-TR
Y1
ASEMB-75.000MHZ-LY-T
75MXц Осцилатор
БЛОК ПРЕВКЛЮЧВАЕМИ ФИЛТРИ
21.16MHz Cauer, Ord.=7, Ap=0.01dB, As=60dB
20MHz
16.665MHz Cauer, Ord.=7, Ap=0.01dB, As=60dB
15MHz
11.344MHz Cauer, Ord.=7, Ap=0.01dB, As=60dB
10MHz
5.151MHz Cauer, Ord.=7, Ap=0.01dB, As=60dB
5MHz
3.5476MHz Cauer, Ord.=7, Ap=0.01dB, As=60dB
3MHz
1.7497MHz Cauer, Ord.=7, Ap=0.01dB, As=60dB
1.6MHz
509.9kHz Cauer, Ord.=7, Ap=0.01dB, As=60dB
500kHz
MASWSS0115TR-3000
ИЗХОДЕН УСИЛВАТЕЛ
IC3
IC4
ADA4860-1YRJZ-RL7
VR1
TC33X-2-501E
Тример усилване
CON1
SMA
АРУ/МОДУЛАЦИЯ
Q1
2N7002
IC5
LMC6484IMX
EXTMOD
НАСТРОЙКА
Title
BGa1000 Генератор на стандартни сигнали
Size
A3
Number
BGa1000.0.2
Revision
0.2
Date:
4.12.2019 г.
Sheet 1 of 1
File:
C:\Users\..\GSS.SchDoc
Drawn By:
Билян Маринов