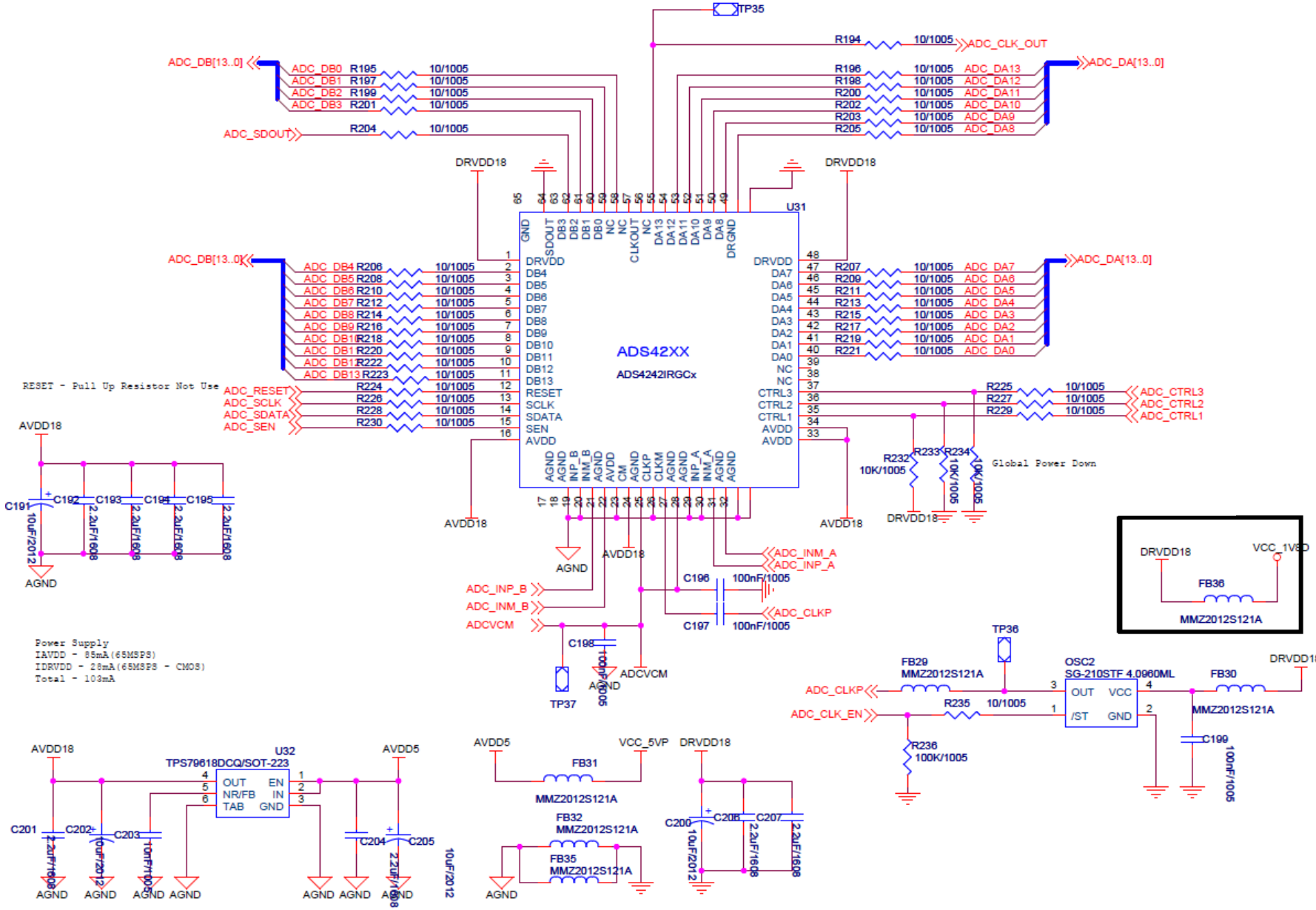
TP35
R194 10/1005 ADC_CLK_OUT
ADC_DB[13..0]
ADC_DB0 R195 10/1005
ADC_DB1 R197 10/1005
ADC_DB2 R199 10/1005
ADC_DB3 R201 10/1005
ADC_SDOUT
R204 10/1005
R196 10/1005 ADC_DA13
R198 10/1005 ADC_DA12
R200 10/1005 ADC_DA11
R202 10/1005 ADC_DA10
R203 10/1005 ADC_DA9
R205 10/1005 ADC_DA8
ADC_DA[13..0]
DRVDD18
U31
ADS42XX
ADS4242IRGCx
GND SDOUT DB3 DB2 DB1 DB0 NC NC CLKOUT NC DA13 DA12 DA11 DA10 DA9 DA8 DRGND
DRVDD DB4 DB5 DB6 DB7 DB8 DB9 DB10 DB11 DB12 DB13 RESET SCLK SDATA SEN AVDD
DRVDD DA7 DA6 DA5 DA4 DA3 DA2 DA1 DA0 NC NC CTRL3 CTRL2 CTRL1 AVDD AVDD
AGND AGND INP_B INM_B AGND AVDD CM AGND CLKP CLKM AGND AGND AGND INP_A INM_A AGND AGND
ADC_DB4 R206 10/1005
ADC_DB5 R208 10/1005
ADC_DB6 R210 10/1005
ADC_DB7 R212 10/1005
ADC_DB8 R214 10/1005
ADC_DB9 R216 10/1005
ADC_DB10 R218 10/1005
ADC_DB11 R220 10/1005
ADC_DB12 R222 10/1005
ADC_DB13 R223 10/1005
R207 10/1005 ADC_DA7
R209 10/1005 ADC_DA6
R211 10/1005 ADC_DA5
R213 10/1005 ADC_DA4
R215 10/1005 ADC_DA3
R217 10/1005 ADC_DA2
R219 10/1005 ADC_DA1
R221 10/1005 ADC_DA0
RESET - Pull Up Resistor Not Use
ADC_RESET R224 10/1005
ADC_SCLK R226 10/1005
ADC_SDATA R228 10/1005
ADC_SEN R230 10/1005
R225 10/1005 ADC_CTRL3
R227 10/1005 ADC_CTRL2
R229 10/1005 ADC_CTRL1
R232 10K/1005
R233 10K/1005
R234 10K/1005
Global Power Down
AVDD18
C191 10uF/2012
C192 2.2uF/1608
C193 2.2uF/1608
C194 2.2uF/1608
C195 2.2uF/1608
AGND
ADC_INM_A
ADC_INP_A
ADC_INP_B
ADC_INM_B
ADCVCM
C196 100nF/1005
C197 100nF/1005
C198 100nF/1005
ADC_CLKP
TP37
TP36
FB29 MMZ2012S121A
OSC2
SG-210STF 4.0960ML
OUT VCC
/ST GND
FB30 MMZ2012S121A
ADC_CLK_EN
R235 10/1005
R236 100K/1005
C199 100nF/1005
DRVDD18
VCC_1V8D
FB36 MMZ2012S121A
Power Supply
IAVDD - 85mA(65MSPS)
IDRVDD - 28mA(65MSPS - CMOS)
Total - 103mA
U32
TPS79618DCQ/SOT-223
OUT EN
NR/FB IN
TAB GND
C201 2.2uF/1608
C202 10uF/2012
C203 10nF/1005
C204 2.2uF/1608
C205 10uF/2012
AVDD5
VCC_5VP
FB31 MMZ2012S121A
FB32 MMZ2012S121A
FB35 MMZ2012S121A
C200 10uF/2012
C206 2.2uF/1608
C207 2.2uF/1608