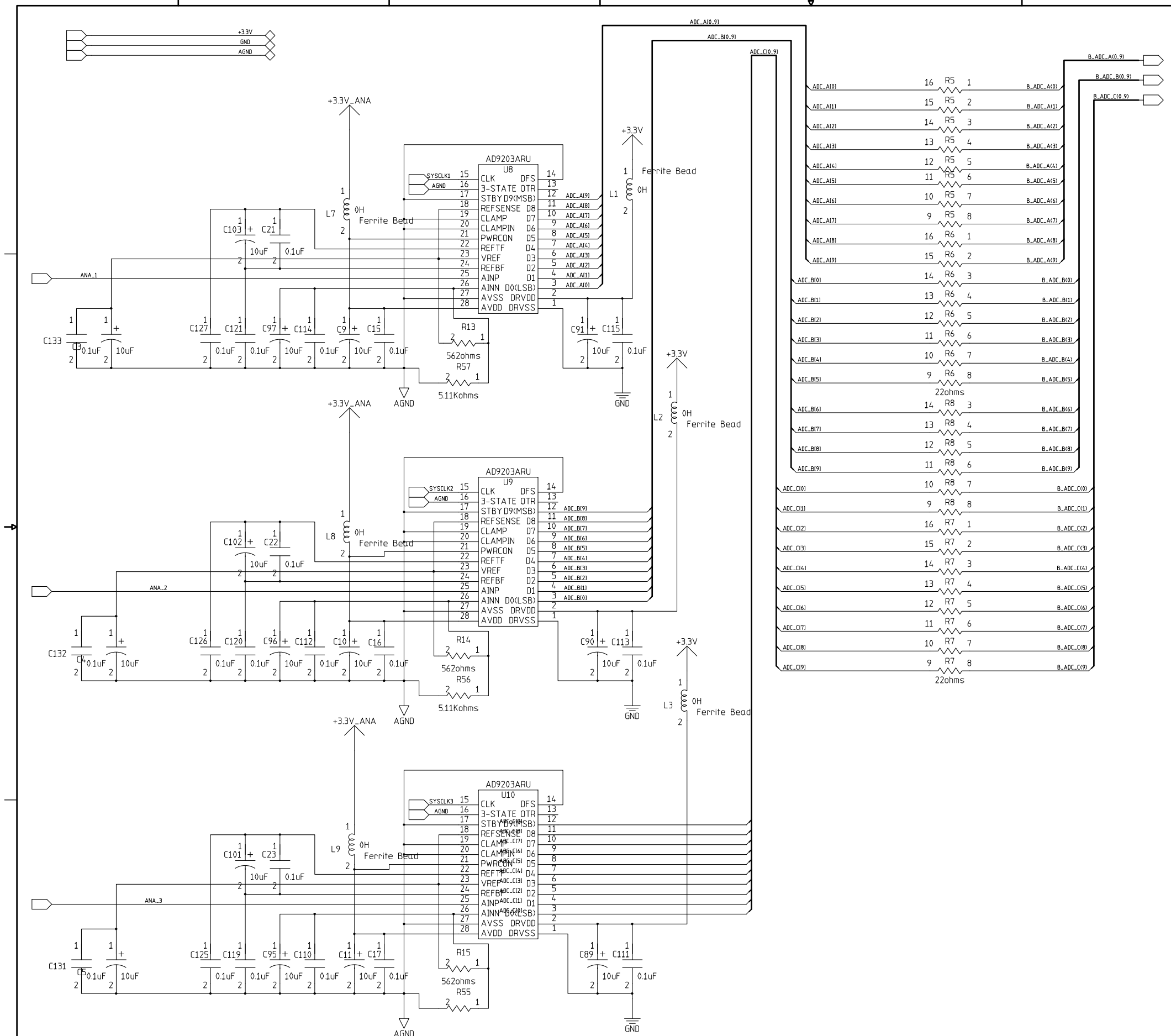


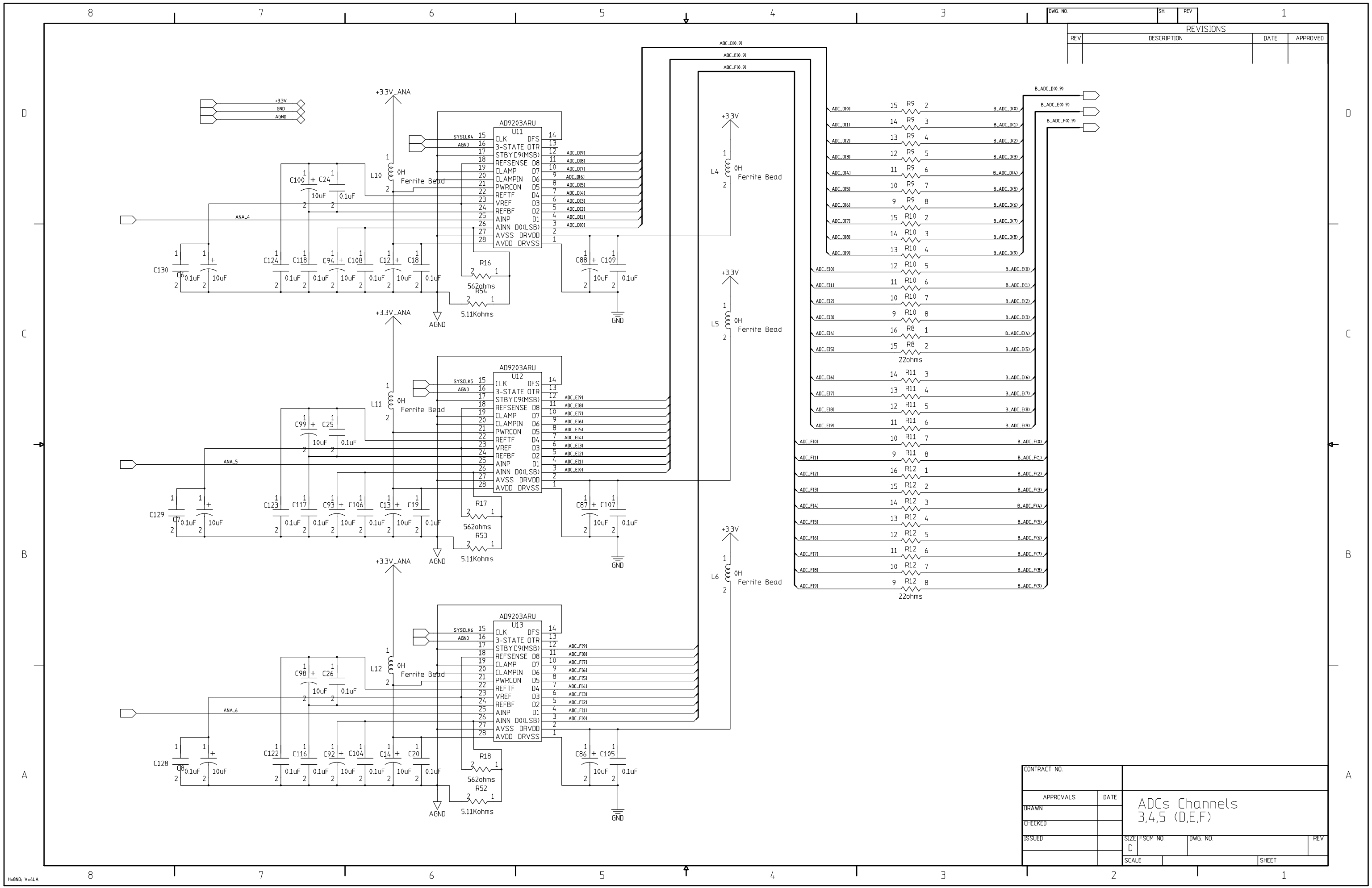

| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |

| CONTRACT NO. | |
|---|---|
| APPROVALS | DATE |
| DRAWN | |
| CHECKED | |
| ISSUED | |

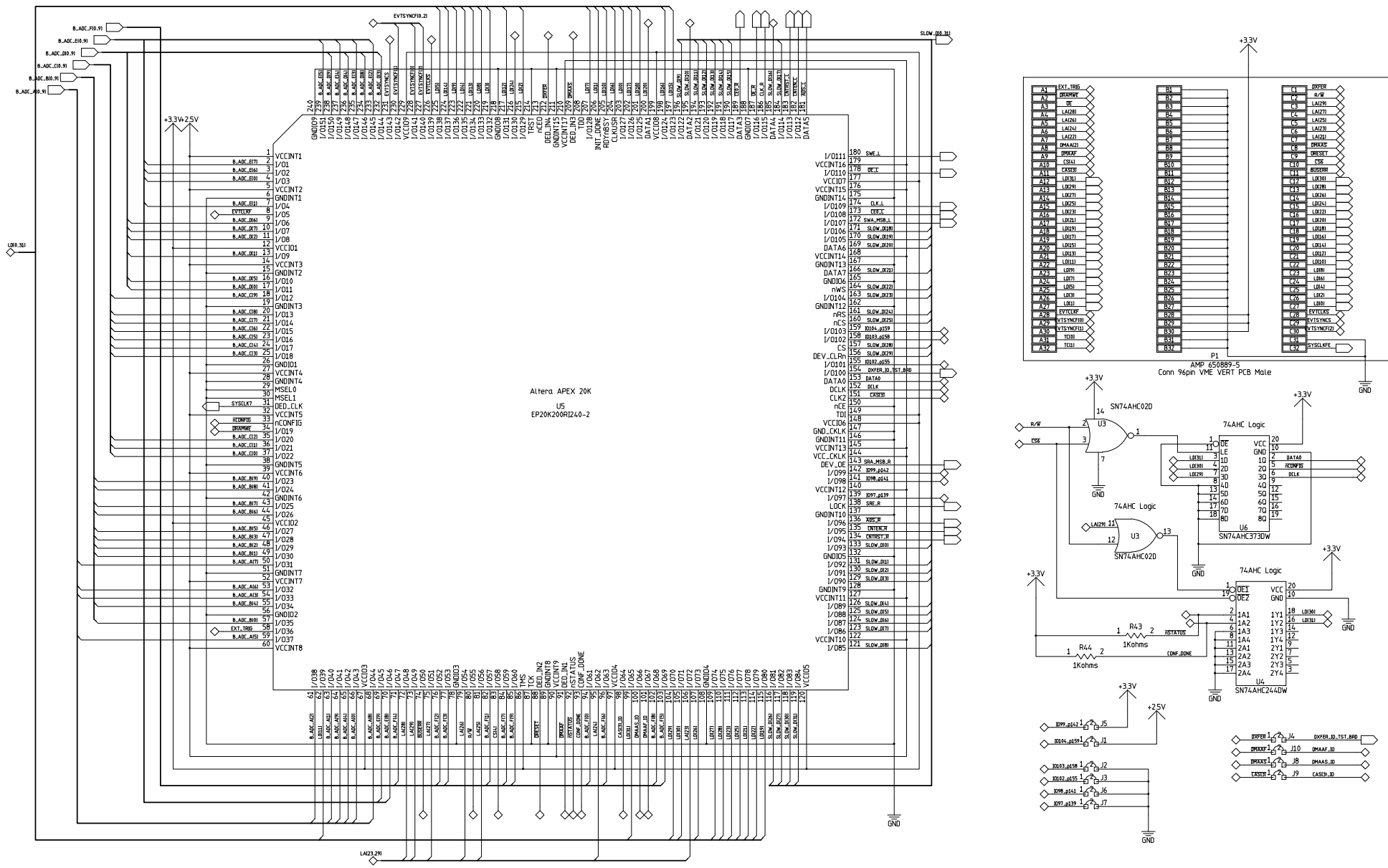
ADCs Channels
0,1,2 (A,B,C)

| SIZE | FSCM NO. | DWG. NO. | REV |
|---|---|---|---|
| D | | | |
| SCALE | | SHEET | |

H=8ND; V=4LA

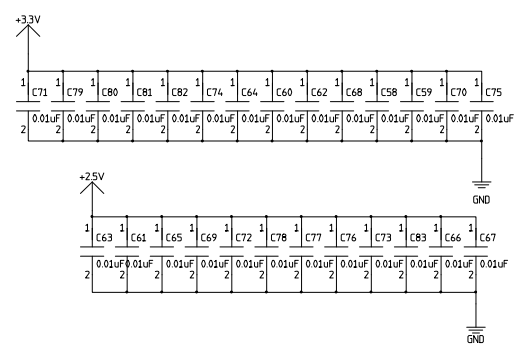

REVISIONS
REV
DESCRIPTION
DATE
APPROVED
DWG. NO.
SH.
REV
+3.3V
GND
AGND
+3.3V_ANA
AD9203ARU
U11
U12
U13
CLK
3-STATE OTR
STBYD9(MSB)
REFSENSE
CLAMP
CLAMPIN
PWRCON
REFTF
VREF
REFBF
AINP
AINN
D0(LSB)
AVSS
DRVDD
AVDD
DRVSS
DFS
SYSCLK4
SYSCLK5
SYSCLK6
ANA_4
ANA_5
ANA_6
L10
L11
L12
L4
L5
L6
0H
Ferrite Bead
C100
C24
C99
C25
C98
C26
10uF
0.1uF
C130
C6
C124
C118
C94
C108
C12
C18
C88
C109
C129
C7
C123
C117
C93
C106
C13
C19
C87
C107
C128
C8
C122
C116
C92
C104
C14
C20
C86
C105
R16
562ohms
R54
5.11Kohms
R17
R53
R18
R52
AGND
GND
ADC_D(0.9)
ADC_E(0.9)
ADC_F(0.9)
B_ADC_D(0.9)
B_ADC_E(0.9)
B_ADC_F(0.9)
R9
R10
R8
R11
R12
22ohms
CONTRACT NO.
APPROVALS
DATE
DRAWN
CHECKED
ISSUED
ADCs Channels
3,4,5 (D,E,F)
SIZE
D
FSCM NO.
DWG. NO.
REV
SCALE
SHEET
H=8ND; V=4LA

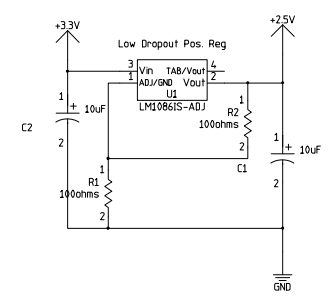
| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |



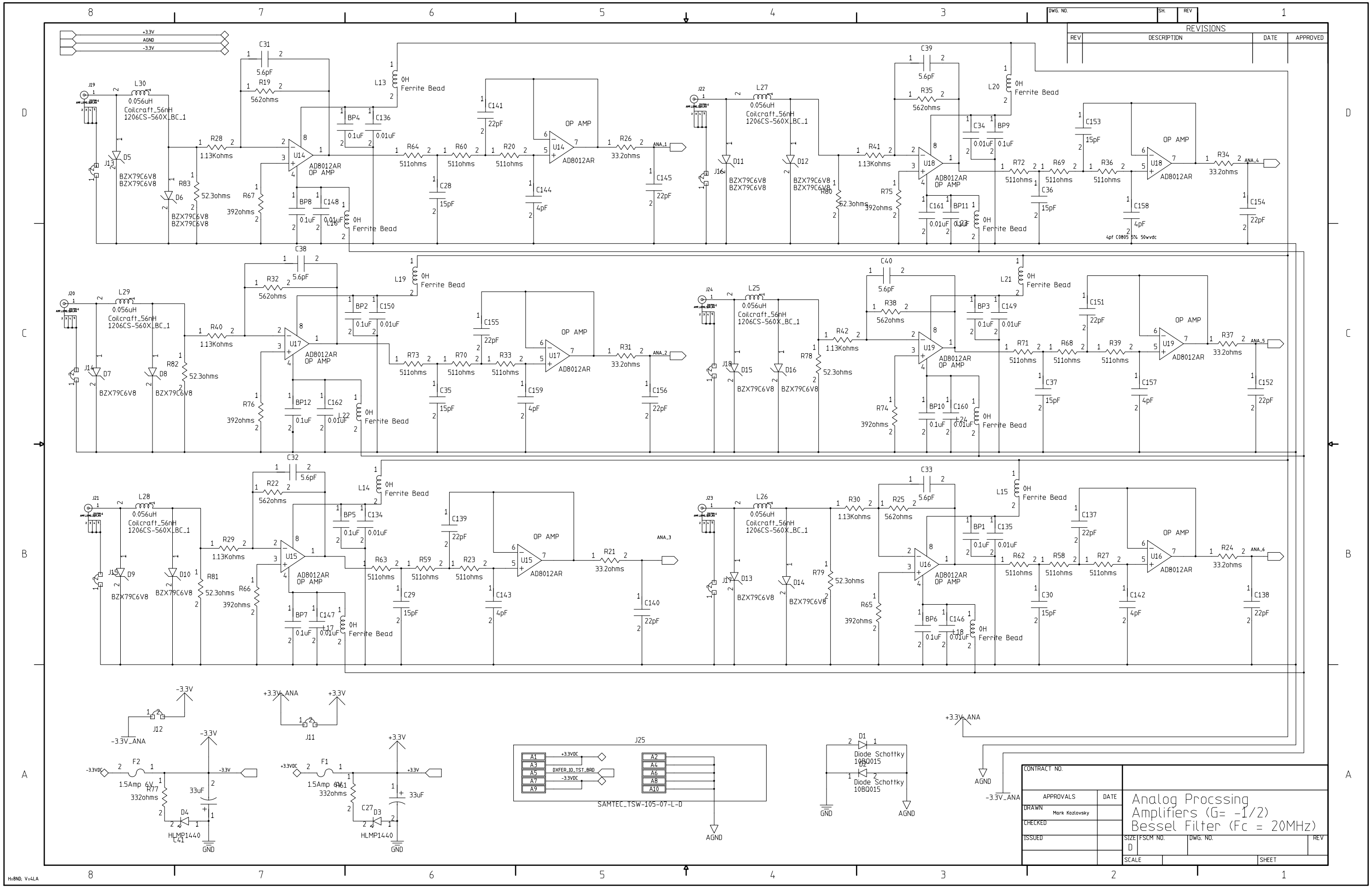






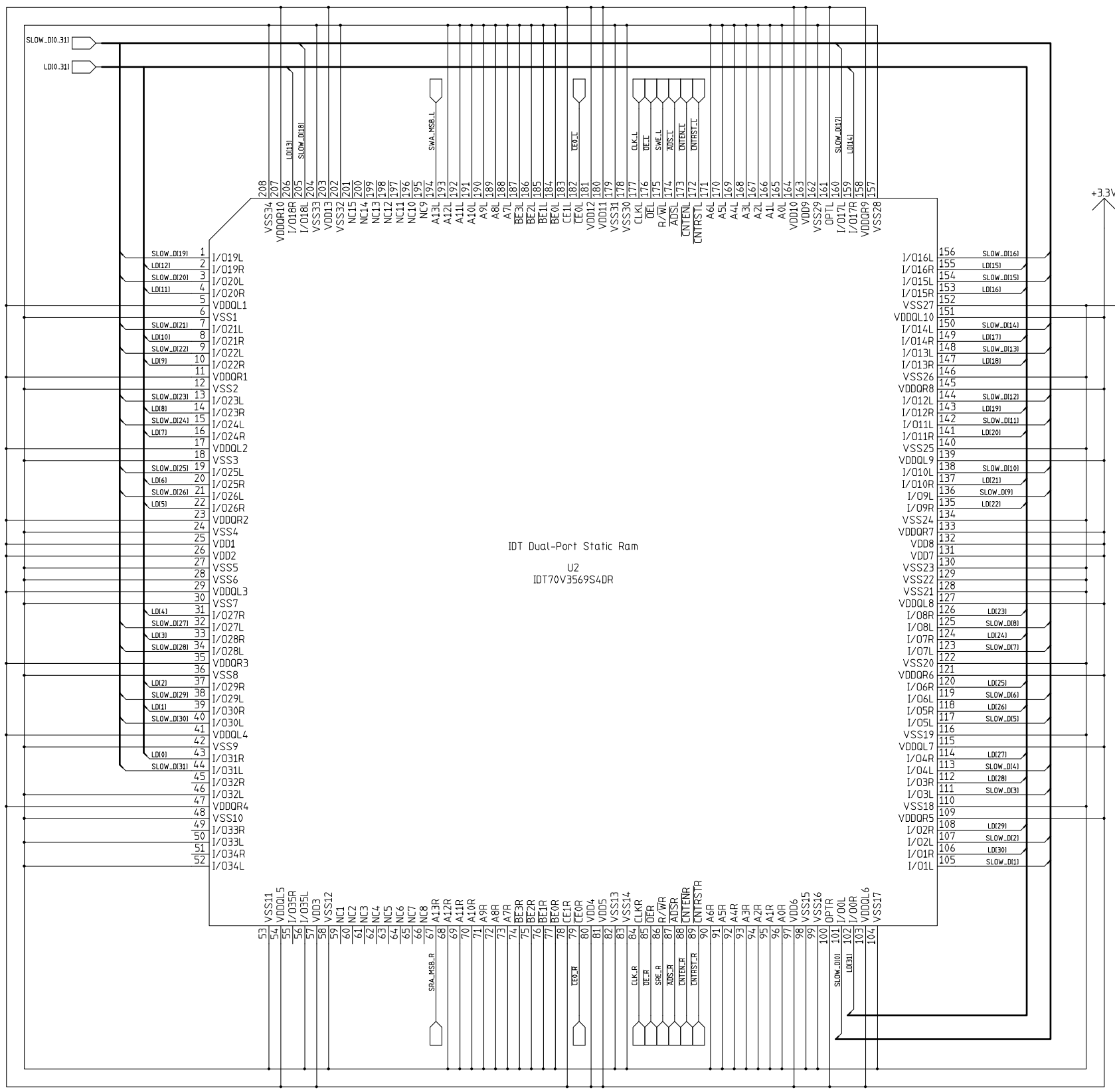

| CONTRACT NO. | | |
|---|---|---|
| APPROVALS | DATE | PROGRAMMABLE LOGIC |
| DRAWN | | |
| CHECKED | | |
| ISSUED | | SIZE E · FSCM NO. · DWG. NO. · REV |
| | | SCALE · SHEET |

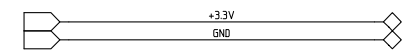

+3.3V
AGND
-3.3V
REVISIONS
REV
DESCRIPTION
DATE
APPROVED
DWG. NO.
SH.
REV
J19
L30
0.056uH
Coilcraft_56nH
1206CS-560X_BC_1
C31
5.6pF
R19
562ohms
L13
0H
Ferrite Bead
BP4
C136
0.1uF
0.01uF
C141
22pF
OP AMP
U14
AD8012AR
R28
1.13Kohms
R64
511ohms
R60
511ohms
R20
511ohms
R26
33.2ohms
ANA_1
C145
22pF
D5
BZX79C6V8
J13
D6
R83
52.3ohms
R67
392ohms
BP8
C148
L16
C28
15pF
C144
4pF
J22
L27
D11
D12
J16
R41
1.13Kohms
R80
52.3ohms
R75
392ohms
C39
5.6pF
R35
562ohms
L20
C34
BP9
C153
15pF
U18
R72
511ohms
R69
511ohms
R36
511ohms
R34
33.2ohms
ANA_4
C154
22pF
C158
4pF
C161
BP11
L23
C36
15pF
4pf C0805 5% 50wvdc
J20
L29
J14
D7
D8
R82
52.3ohms
R40
1.13Kohms
C38
5.6pF
R32
562ohms
L19
BP2
C150
U17
R76
392ohms
BP12
C162
L22
C155
22pF
R73
511ohms
R70
511ohms
R33
511ohms
R31
33.2ohms
ANA_2
C156
22pF
C35
15pF
C159
4pF
J24
L25
J18
D15
D16
R42
1.13Kohms
R78
52.3ohms
C40
5.6pF
R38
562ohms
L21
BP3
C149
U19
R74
392ohms
BP10
C160
L24
C151
22pF
R71
511ohms
R68
511ohms
R39
511ohms
R37
33.2ohms
ANA_5
C152
22pF
C37
15pF
C157
4pF
J21
L28
J15
D9
D10
R81
52.3ohms
R29
1.13Kohms
C32
5.6pF
R22
562ohms
L14
BP5
C134
U15
R66
392ohms
BP7
C147
L17
C139
22pF
R63
511ohms
R59
511ohms
R23
511ohms
R21
33.2ohms
ANA_3
C140
22pF
C29
15pF
C143
4pF
J23
L26
J17
D13
D14
R79
52.3ohms
R30
1.13Kohms
C33
5.6pF
R25
562ohms
L15
BP1
C135
U16
R65
392ohms
BP6
C146
L18
C137
22pF
R62
511ohms
R58
511ohms
R27
511ohms
R24
33.2ohms
ANA_6
C138
22pF
C30
15pF
C142
4pF
-3.3V
J12
-3.3V_ANA
+3.3V_ANA
+3.3V
J11
F2
1.5Amp 6V
R77
332ohms
33uF
D4
HLMP1440
L41
GND
F1
1.5Amp 6V
R61
332ohms
C27
D3
J25
A1
A3
A5
A7
A9
A2
A4
A6
A8
A10
+3.3VDC
DXFER_ID_TST_BRD
-3.3VDC
SAMTEC_TSW-105-07-L-D
AGND
D1
Diode Schottky
10BQ015
D2
CONTRACT NO.
APPROVALS
DATE
DRAWN
Mark Kozlovsky
CHECKED
ISSUED
Analog Procssing
Amplifiers (G= -1/2)
Bessel Filter (Fc = 20MHz)
SIZE
D
FSCM NO.
DWG. NO.
REV
SCALE
SHEET
H=8ND; V=4LA

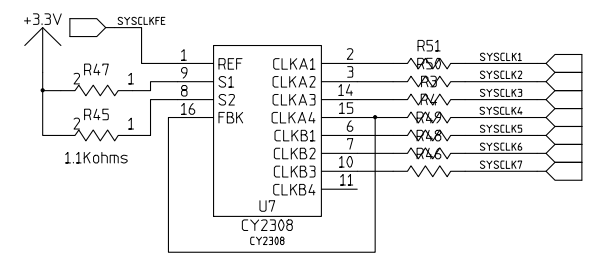
| DWG. NO. | SH. | REV. |
|---|---|---|
| | | |

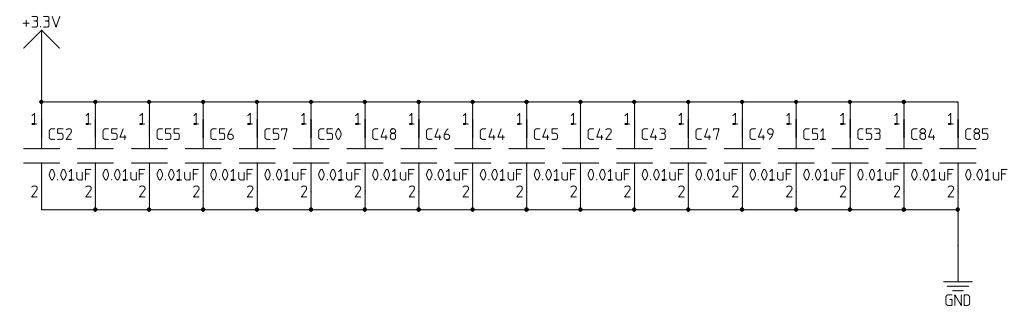
REVISIONS

| REV | DESCRIPTION | DATE | APPROVED |
|---|---|---|---|
| | | | |




| CONTRACT NO. | | |
|---|---|---|
| APPROVALS | DATE | SLOW BUFFER MEMORY |
| DRAWN Mark Koziovsky | | |
| CHECKED | | |
| ISSUED | | SIZE D / FSCM NO. / DWG. NO. / REV |
| | | SCALE / SHEET |

H=8ND; V=4LA