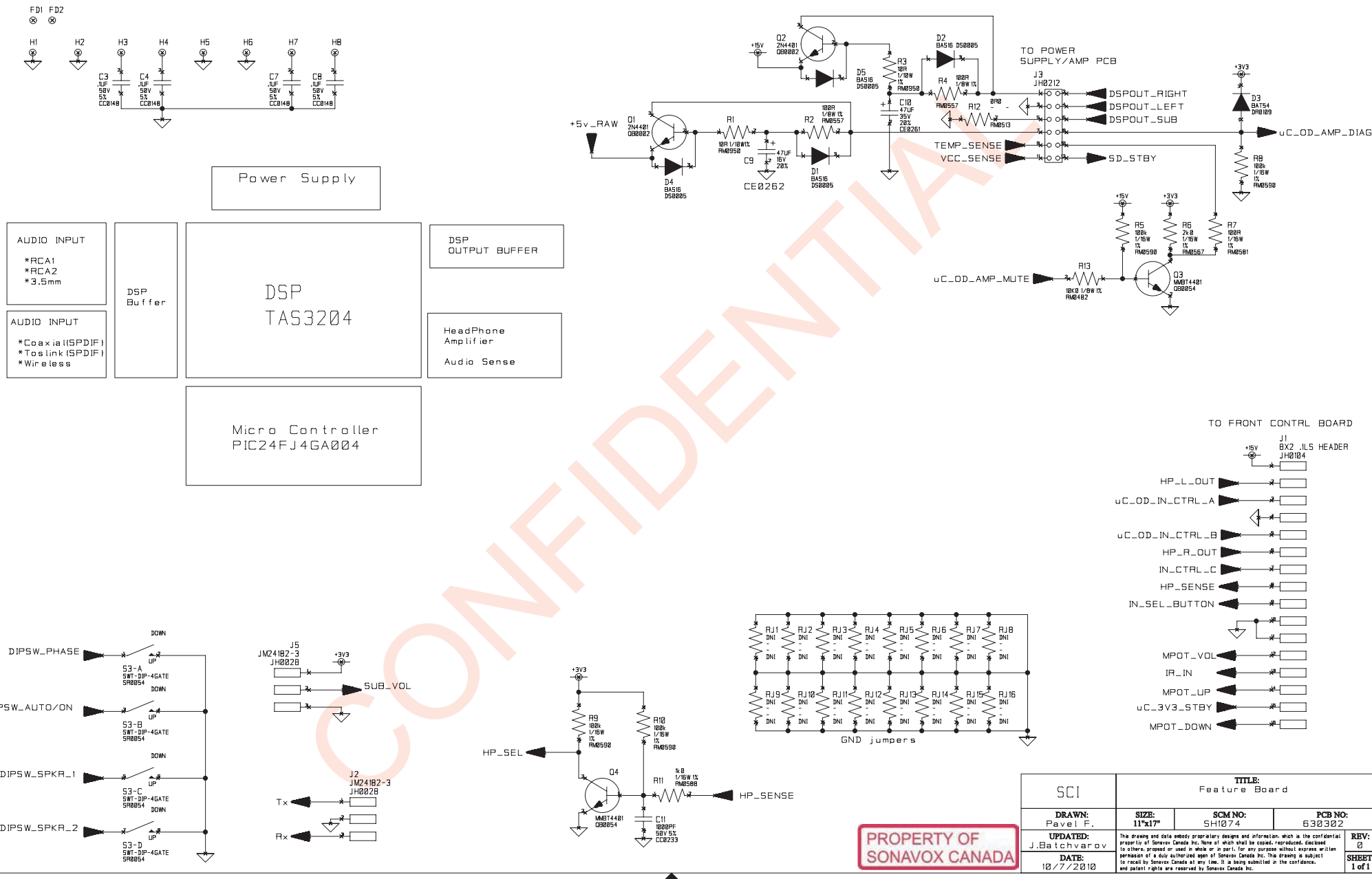
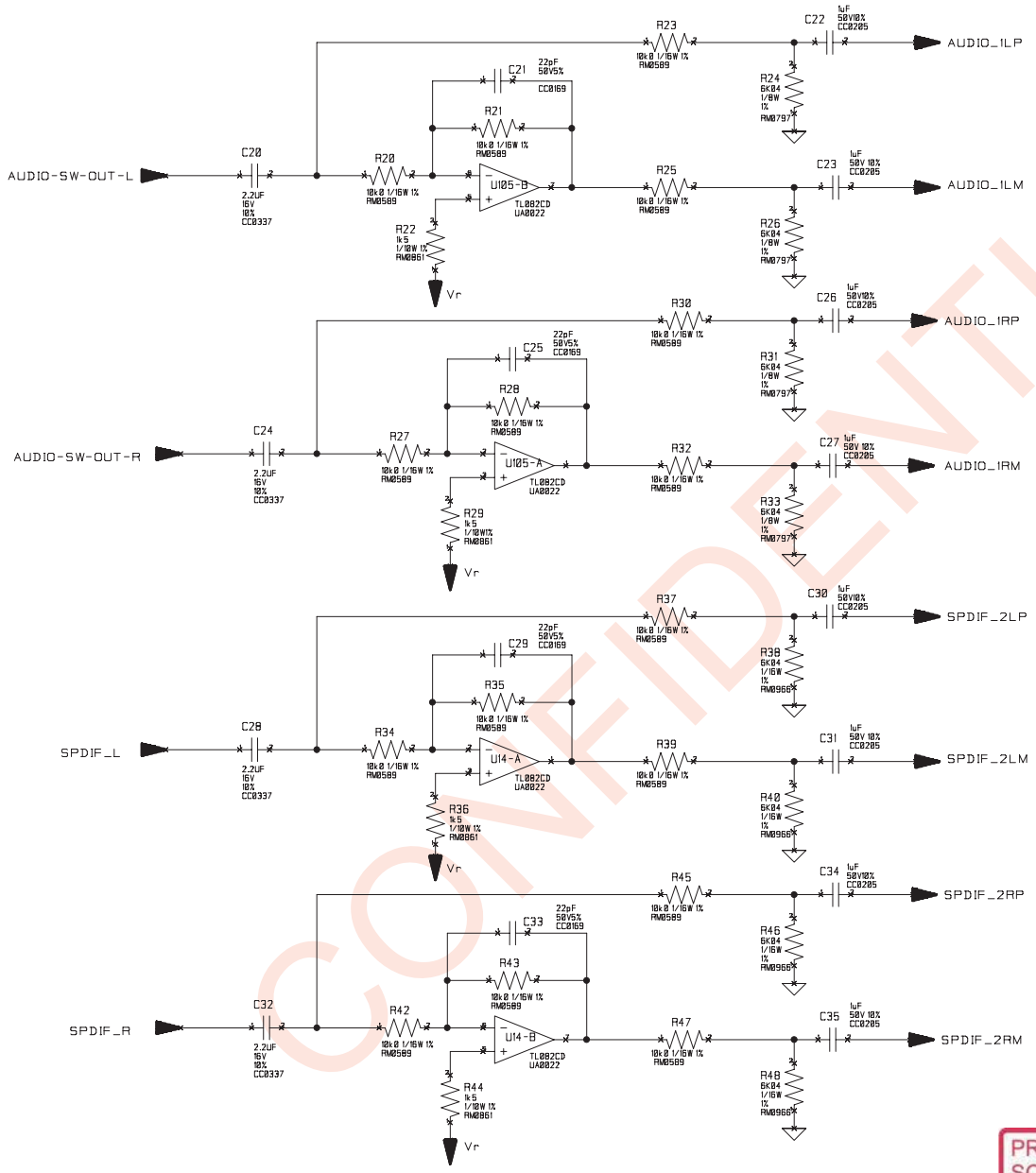
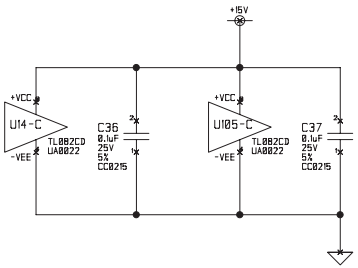


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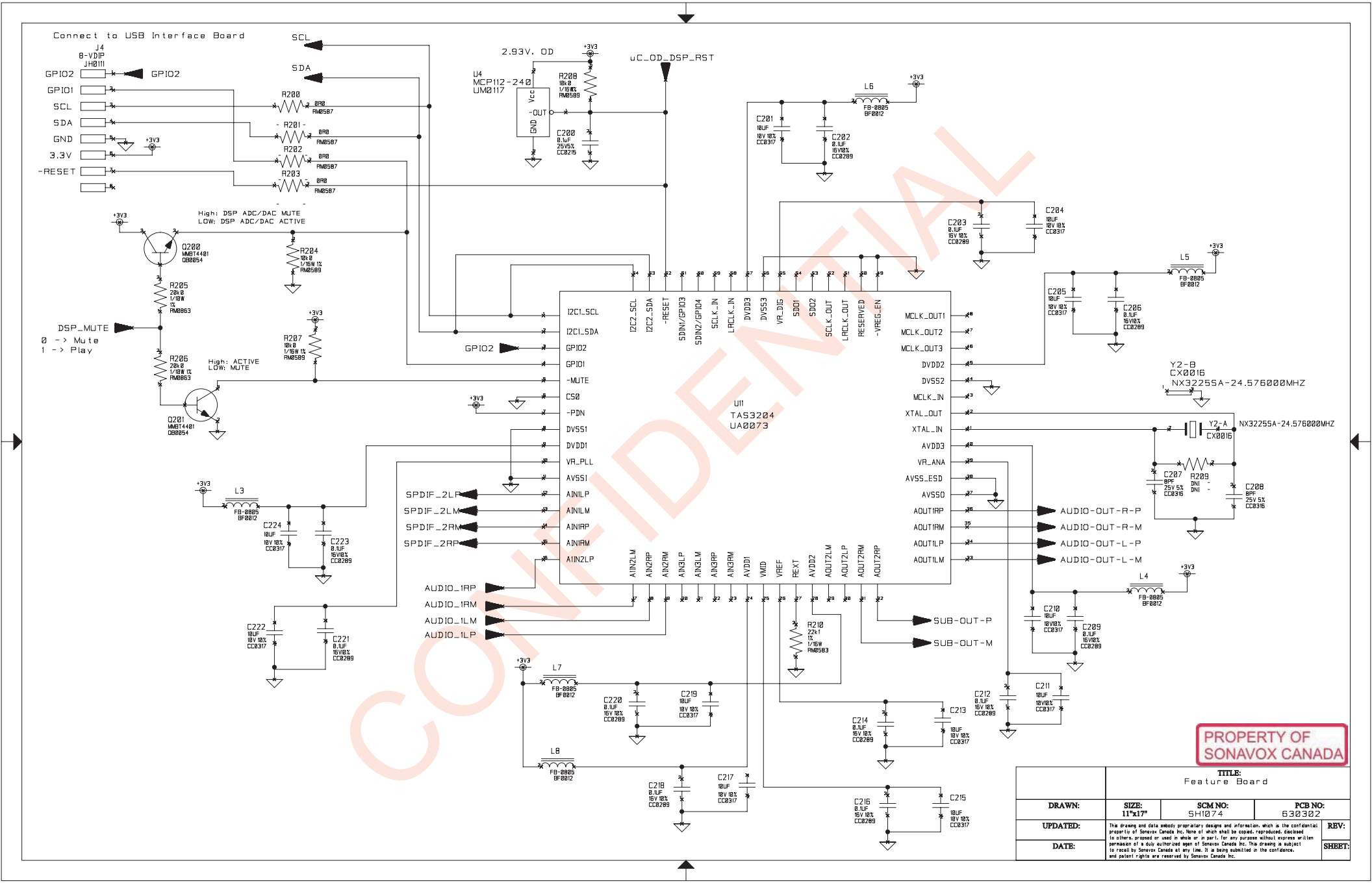


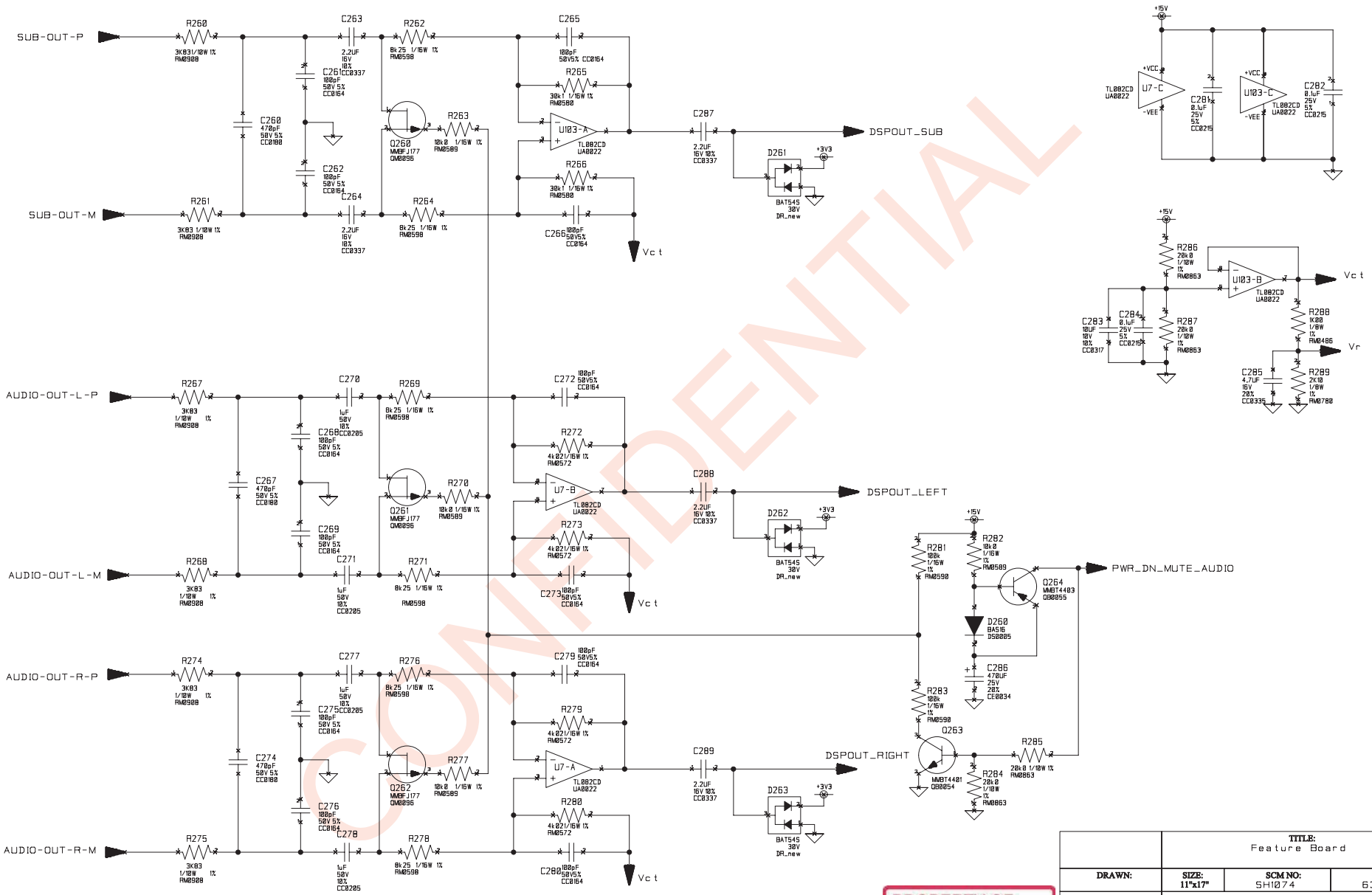


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SONAVOX CANADA

	TITLE: Feature Board		
DRAWN:	SIZE: 11"x17"	SCM NO: SH1074	PCB NO: 630302
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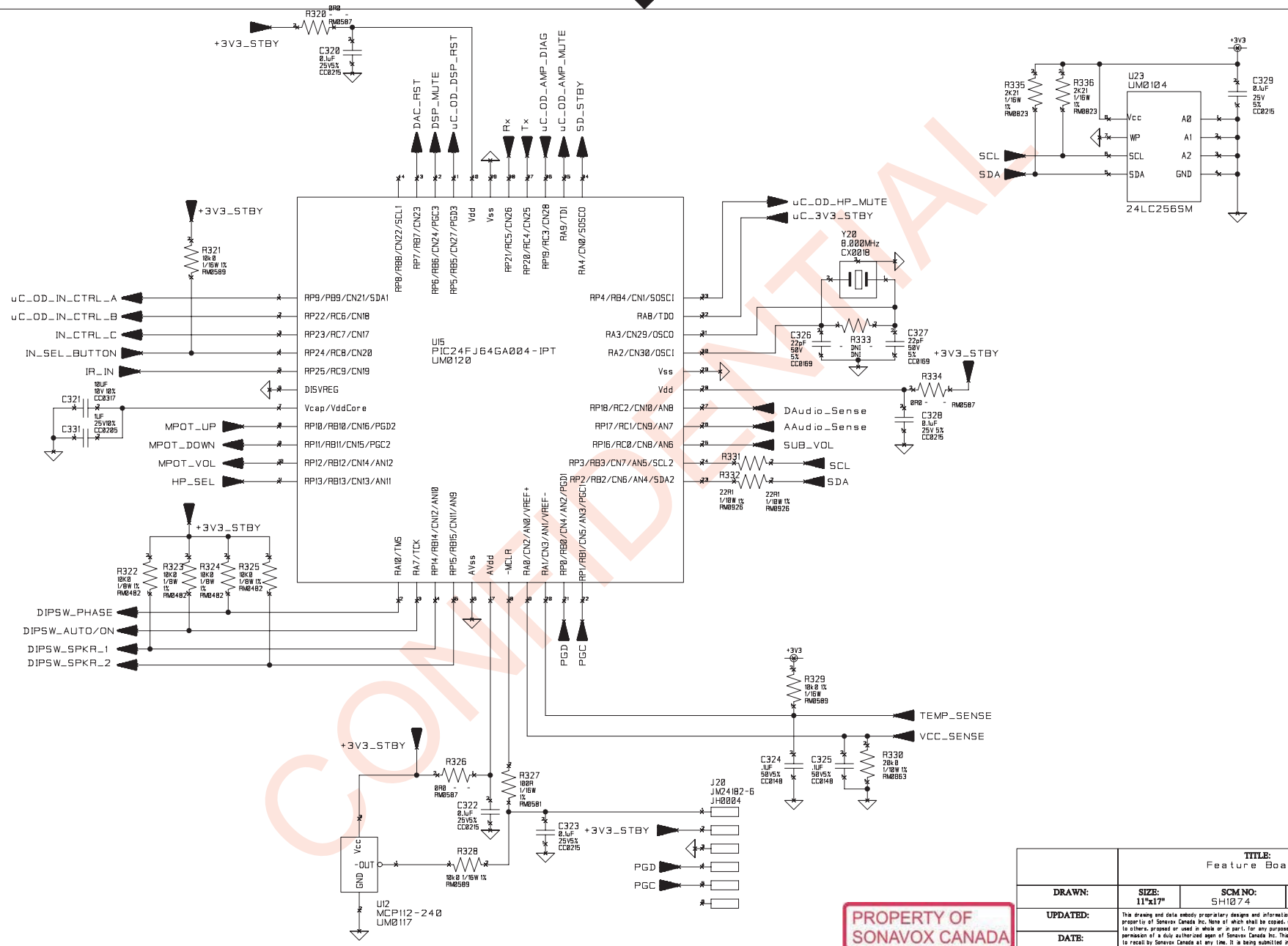

Connect to USB Interface Board
J4
8-VDIP
JH0111
GPIO2
GPIO1
SCL
SDA
GND
3.3V
-RESET
SCL
SDA
R200
R201
R202
R203
0R0
RM0587
2.93V, OD
U4
MCP112-240
UM0117
R208
10k0
1/16W
RM0589
C200
0.1uF
25V5%
CC0215
uC_OD_DSP_RST
L6
FB-0805
BF0012
C201
10UF
10V 10%
CC0317
C202
0.1UF
16V10%
CC0289
C203
0.1UF
16V 10%
CC0289
C204
10UF
10V 10%
CC0317
L5
C205
10UF
C206
0.1UF
16V10%
CC0289
High: DSP ADC/DAC MUTE
LOW: DSP ADC/DAC ACTIVE
Q200
MMBT4401
CB0054
R204
10k0
1/16W 1%
RM0589
R205
20k0
1/10W
1%
RM0863
DSP_MUTE
0 -> Mute
1 -> Play
R206
20k0
1/10W 1%
RM0863
High: ACTIVE
LOW: MUTE
R207
10k0
1/16W 1%
RM0589
Q201
MMBT4401
CB0054
U11
TAS3204
UA0073
I2C1_SCL
I2C1_SDA
GPIO2
GPIO1
-MUTE
CS0
-PDN
DVSS1
DVDD1
VR_PLL
AVSS1
AINILP
AINILM
AINIRP
AINIRM
AIIN2LP
I2C2_SCL
I2C2_SDA
-RESET
SDIN1/GPIO3
SDIN2/GPIO4
SCLK_IN
LRCLK_IN
DVDD3
DVSS3
VR_DIG
SDO1
SDO2
SCLK_OUT
LRCLK_OUT
RESERVED
-VREG_EN
MCLK_OUT1
MCLK_OUT2
MCLK_OUT3
DVDD2
DVSS2
MCLK_IN
XTAL_OUT
XTAL_IN
AVDD3
VR_ANA
AVSS_ESD
AVSS0
AOUT1RP
AOUT1RM
AOUT1LP
AOUT1LM
AIN2LM
AIN2RP
AIN2RM
AIN3LP
AIN3LM
AIN3RP
AIN3RM
AVDD1
VMID
VREF
REXT
AVDD2
AOUT2LM
AOUT2LP
AOUT2RM
AOUT2RP
Y2-B
CX0016
NX3225SA-24.576000MHZ
Y2-A
CX0016
NX3225SA-24.576000MHZ
C207
8PF
25V 5%
CC0316
R209
DNI -
DNI -
C208
8PF
25V 5%
CC0316
SPDIF_2LP
SPDIF_2LM
SPDIF_2RM
SPDIF_2RP
L3
FB-0805
BF0012
C224
10UF
10V 10%
CC0317
C223
0.1UF
16V10%
CC0289
C222
10UF
10V 10%
CC0317
C221
0.1UF
16V10%
CC0289
AUDIO_1RP
AUDIO_1RM
AUDIO_1LM
AUDIO_1LP
AUDIO-OUT-R-P
AUDIO-OUT-R-M
AUDIO-OUT-L-P
AUDIO-OUT-L-M
L4
FB-0805
BF0012
C210
10UF
10V10%
CC0317
C209
0.1UF
16V10%
CC0289
R210
22k1
1%
1/16W
RM0583
SUB-OUT-P
SUB-OUT-M
L7
FB-0805
BF0012
C220
0.1UF
16V 10%
CC0289
C219
10UF
10V 10%
CC0317
C214
0.1UF
16V 10%
CC0289
C213
10UF
10V 10%
CC0317
C212
0.1UF
16V 10%
CC0289
C211
10UF
10V10%
CC0317
L8
FB-0805
BF0012
C218
0.1UF
16V 10%
CC0289
C217
10UF
10V 10%
CC0317
C216
0.1UF
16V 10%
CC0289
C215
10UF
10V 10%
CC0317
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SONAVOX CANADA
TITLE:
Feature Board
DRAWN:
SIZE:
11"x17"
SCM NO:
SH1074
PCB NO:
630302
UPDATED:
DATE:
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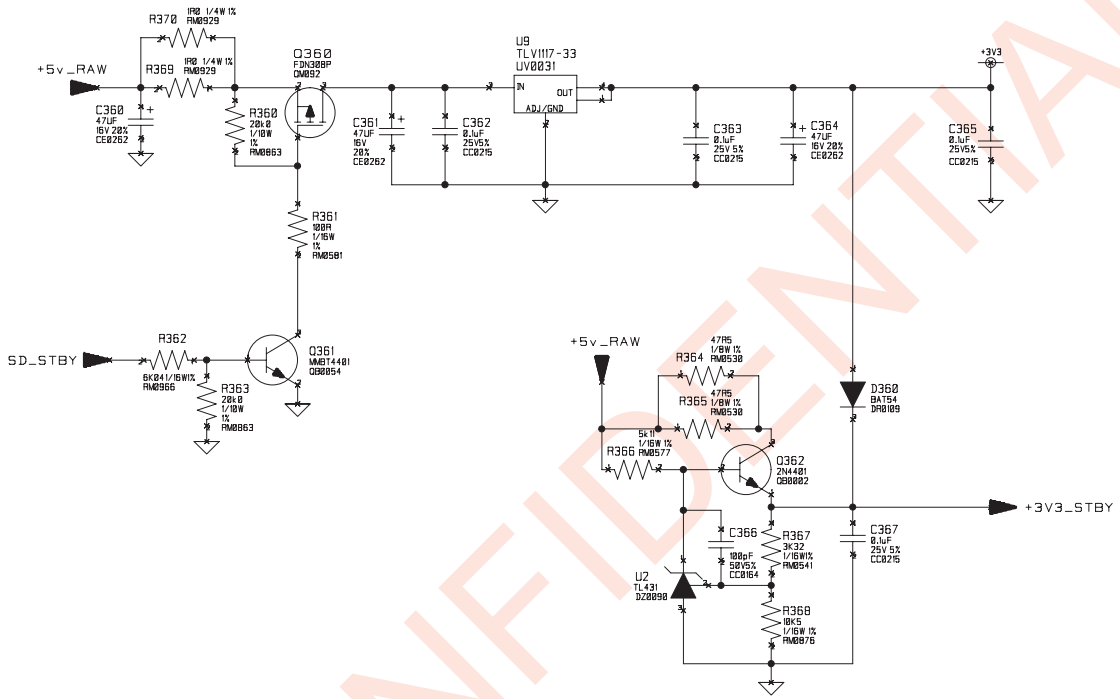
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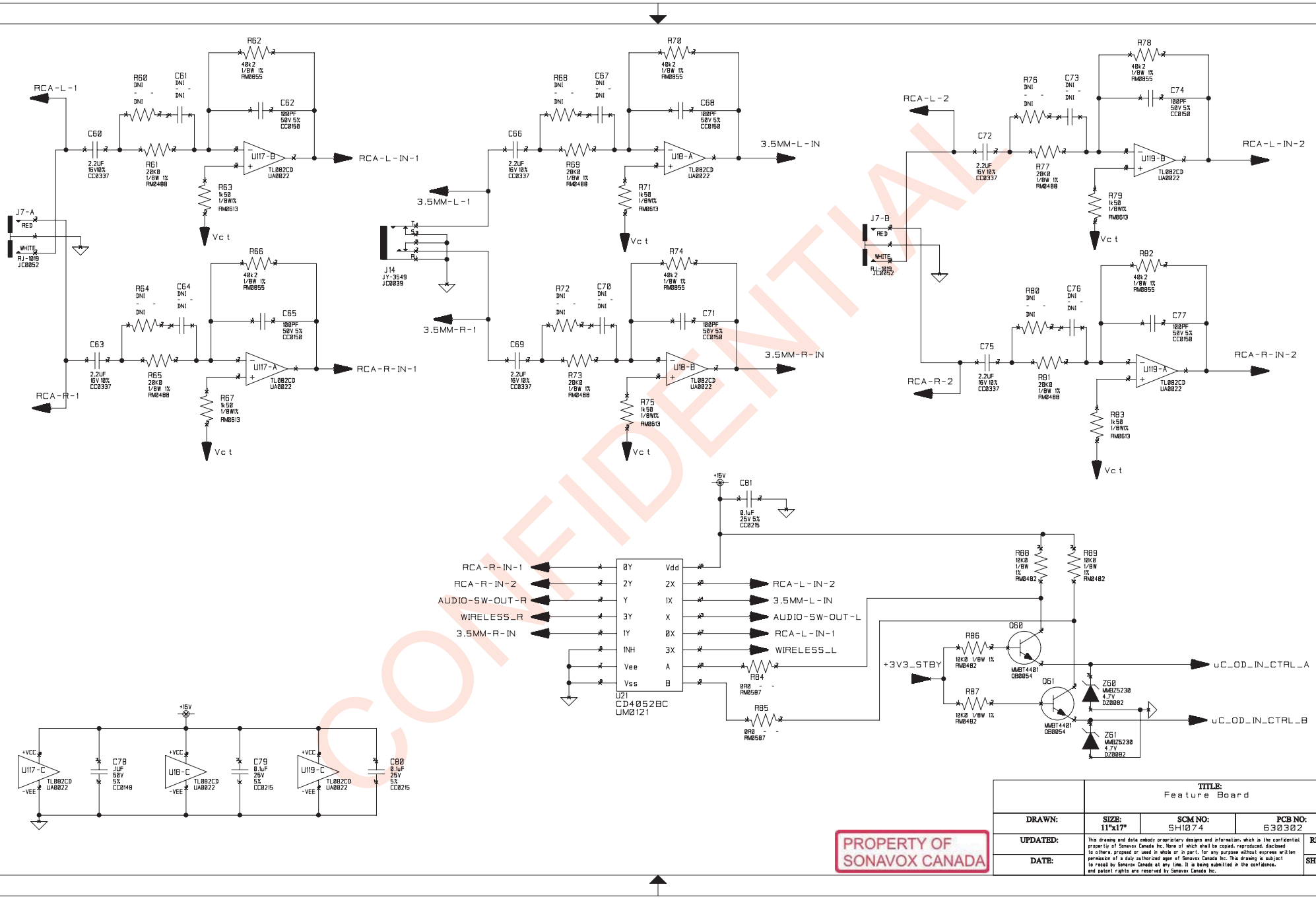
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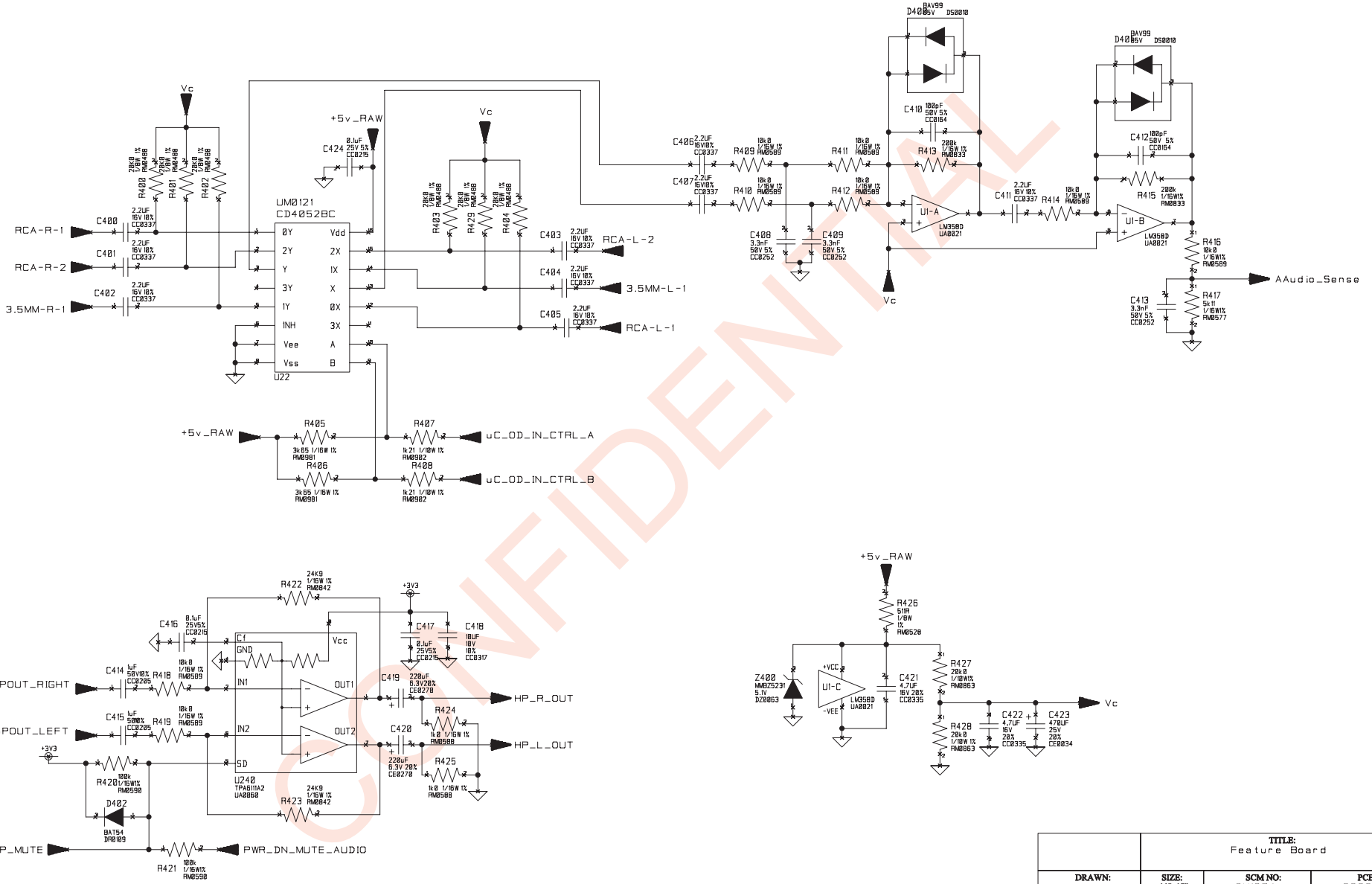
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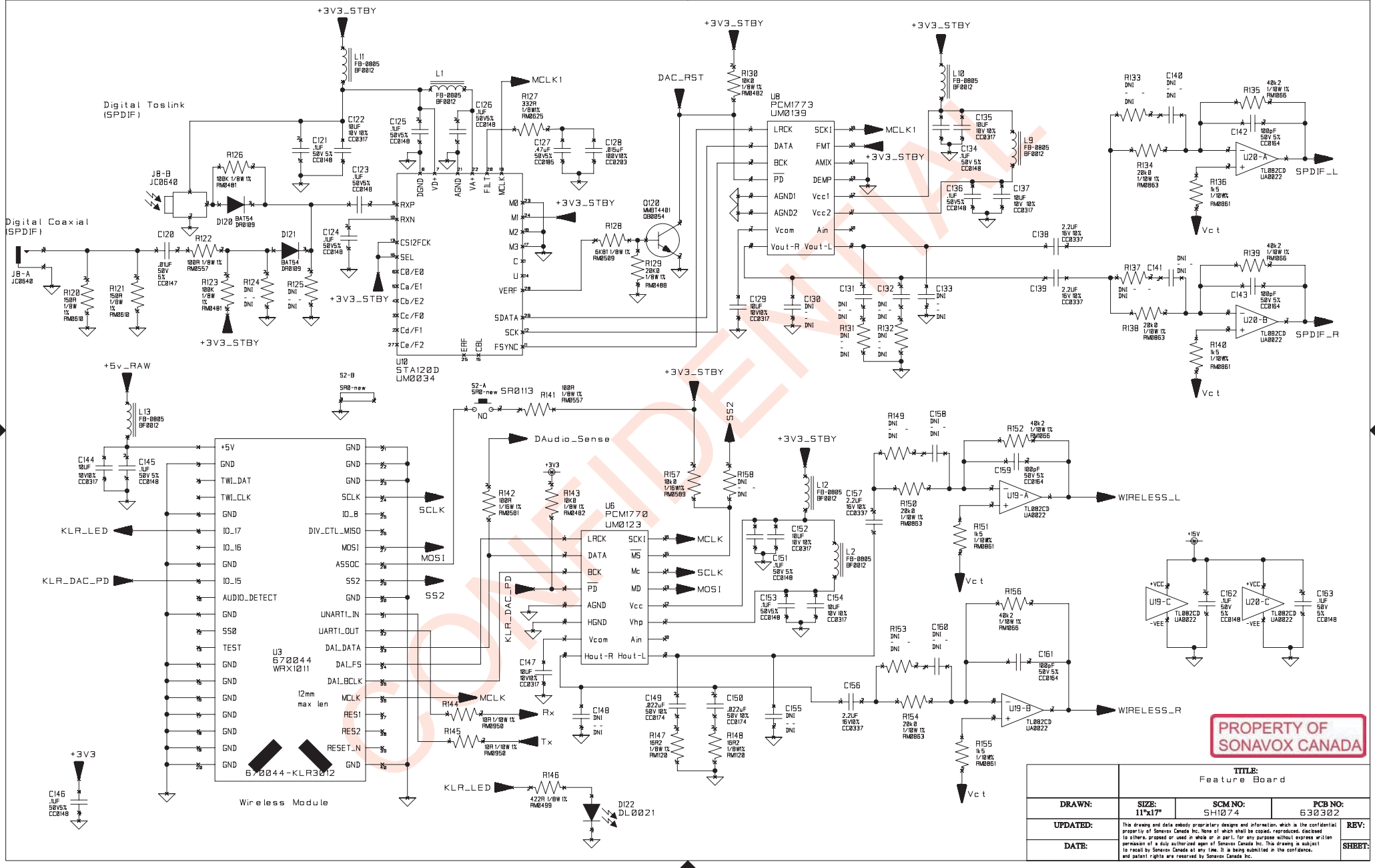
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