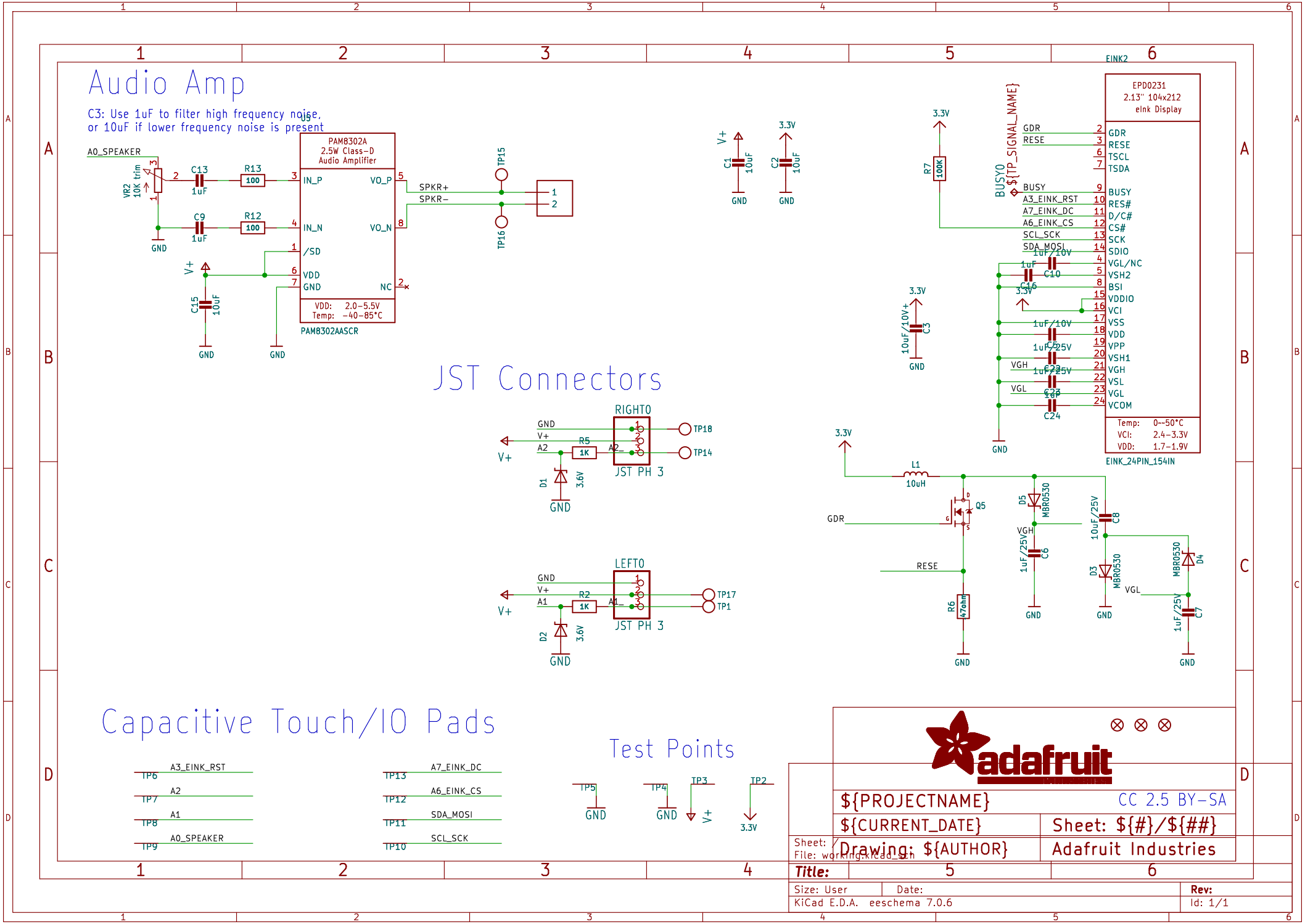
Audio Amp
C3: Use 1uF to filter high frequency noise,
or 10uF if lower frequency noise is present
A0_SPEAKER
VR2
10K trim
C13
1uF
R13
100
C9
1uF
R12
100
PAM8302A
2.5W Class-D
Audio Amplifier
IN_P
IN_N
/SD
VDD
GND
VO_P
VO_N
NC
VDD: 2.0-5.5V
Temp: -40-85°C
PAM8302AASCR
C15
10uF
SPKR+
SPKR-
TP15
TP16
C1
10uF
C2
10uF
3.3V
V+
GND
EINK2
EPD0231
2.13" 104x212
eInk Display
R7
100K
BUSY0
${TP_SIGNAL_NAME}
GDR
RESE
TSCL
TSDA
BUSY
A3_EINK_RST
A7_EINK_DC
A6_EINK_CS
SCL_SCK
SDA_MOSI
RES#
D/C#
CS#
SCK
SDIO
VGL/NC
VSH2
BSI
VDDIO
VCI
VSS
VDD
VPP
VSH1
VGH
VSL
VGL
VCOM
Temp: 0~50°C
VCI: 2.4-3.3V
VDD: 1.7-1.9V
EINK_24PIN_154IN
C10
C16
C5
C22
C23
C24
C3
10uF/10V
JST Connectors
RIGHT0
JST PH 3
R5
1K
D1
3.6V
TP18
TP14
LEFT0
R2
1K
D2
TP17
TP1
L1
10uH
Q5
R6
470ohm
D5
MBR0530
D3
D4
C8
C6
C7
1uF/25V
VGH
VGL
RESE
GDR
Capacitive Touch/IO Pads
A3_EINK_RST
TP6
A2
TP7
A1
TP8
A0_SPEAKER
TP9
A7_EINK_DC
TP13
A6_EINK_CS
TP12
SDA_MOSI
TP11
SCL_SCK
TP10
Test Points
TP5
TP4
TP3
TP2
adafruit
${PROJECTNAME}
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${CURRENT_DATE}
Sheet: ${#}/${##}
Drawing: ${AUTHOR}
Adafruit Industries
Sheet: /
File: working.kicad_sch
Title:
Size: User
Date:
Rev:
KiCad E.D.A. eeschema 7.0.6
Id: 1/1