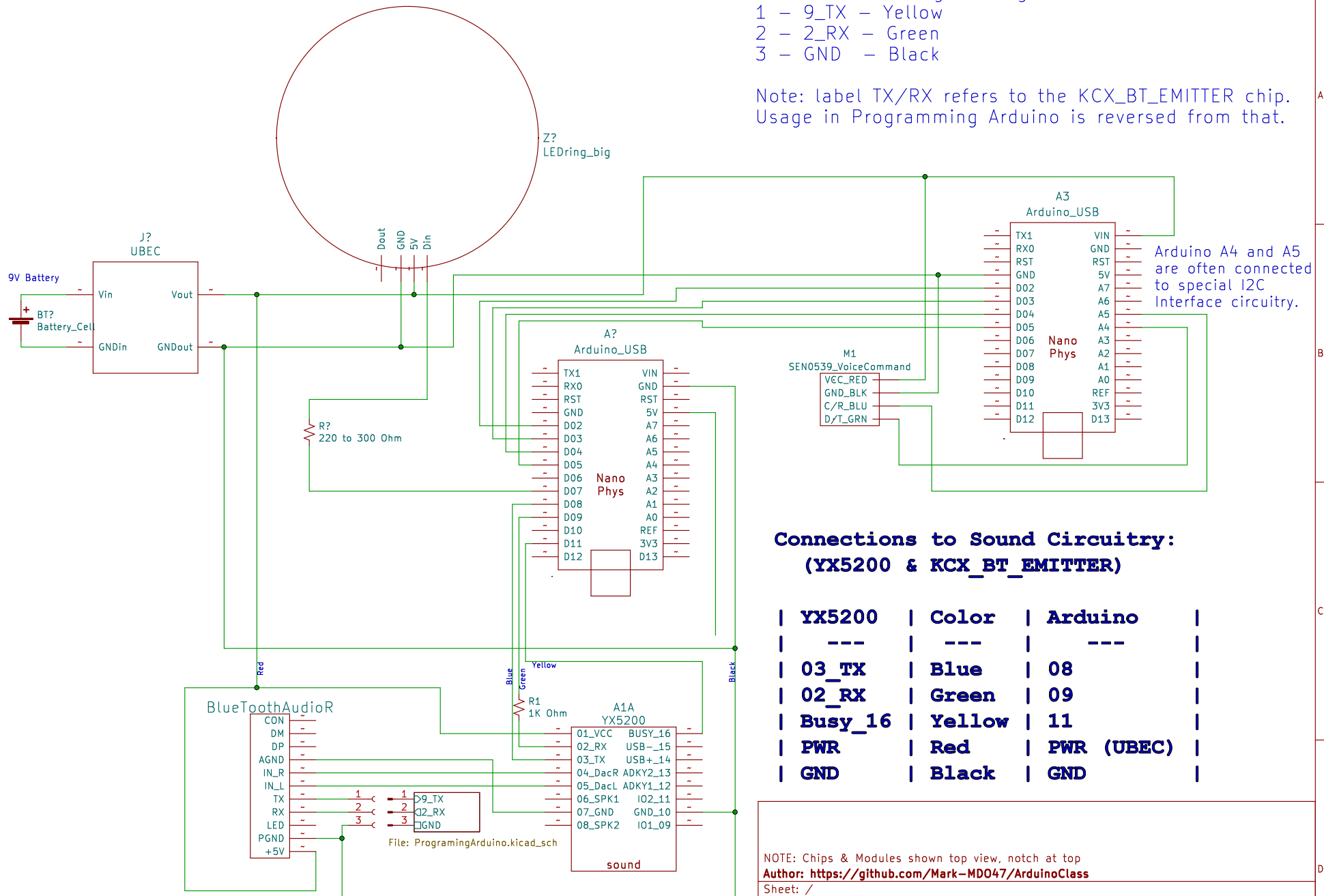


Connection to Programming Arduino:

- 1 – 9_TX – Yellow
- 2 – 2_RX – Green
- 3 – GND – Black

Note: label TX/RX refers to the KCX_BT_EMITTER chip.
Usage in Programming Arduino is reversed from that.



Arduino A4 and A5
are often connected
to special I2C
Interface circuitry.

Connections to Sound Circuitry: (YX5200 & KCX_BT_EMITTER)

YX5200	Color	Arduino
---	---	---
03_TX	Blue	08
02_RX	Green	09
Busy_16	Yellow	11
PWR	Red	PWR (UBEC)
GND	Black	GND

NOTE: Chips & Modules shown top view, notch at top
Author: <https://github.com/Mark-MDO47/ArduinoClass>

Sheet: /
File: 04_DemoReelVoiceCommand_I2C.kicad_sch

Title: 04 The Finale – DemoReelVoiceCommand_I2C

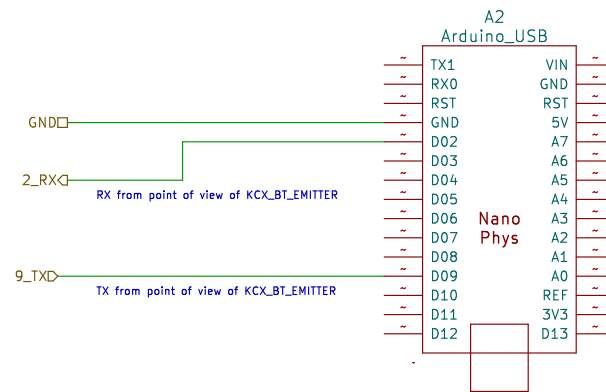
Size: USLetter Date: 2023-08-06

KiCad E.D.A. kicad 7.0.2

Rev:

Id: 1/2

Only connect ProgrammingArduino
when programming KCX_BT_EMITTER
Bluetooth audio transmitter module



Programming Arduino does not need to be a Nano.
It must be Arduino with 5V interfaces.
Power via USB and use Serial Monitor to control.

Connection to ProgrammingArduino:

9_TX – Yellow

2_RX – Green

GND – Black

Note: label TX/RX refers to the KCX_BT_EMITTER chip.
Usage in Programming Arduino is reversed from that.

for code: https://github.com/Mark-MDO47/BluetoothAudioTransmitter_KCX_BT_EMITTER

Author: <https://github.com/Mark-MDO47/ArduinoClass>

Sheet: /ProgrammingArduino/

File: ProgrammingArduino.kicad_sch

Title: 04 The Finale – DemoReelVoiceCommand_I2C

Size: USLetter Date: 2023-08-06

KiCad E.D.A. kicad 7.0.2

Rev:

Id: 2/2