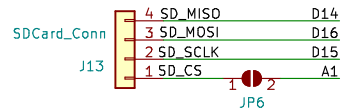
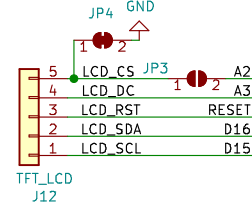


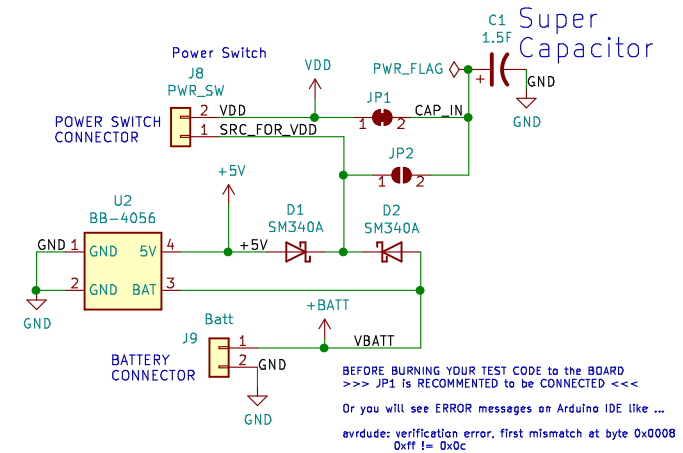
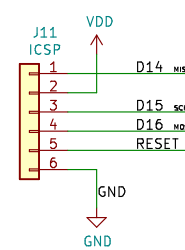
SPI for SD CARD



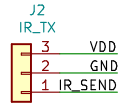
SPI for TFT LCD



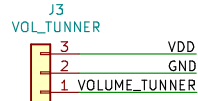
ICSP CONNECTOR



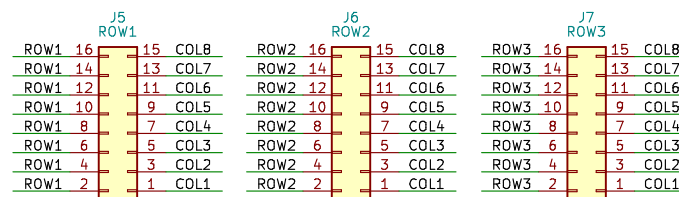
IR Transmitter



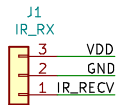
Volume Tunner



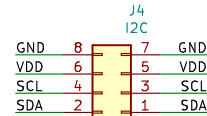
3x8 KEYPAD MATRIX



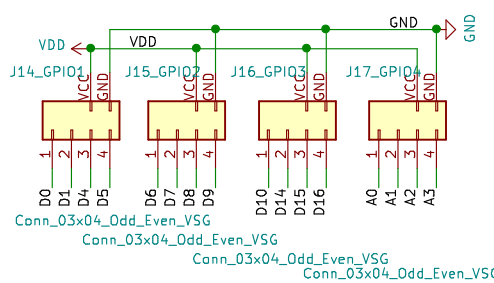
IR Receiver



I2C DEVICE CONNECTOR

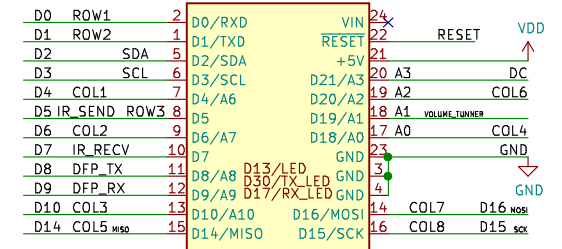
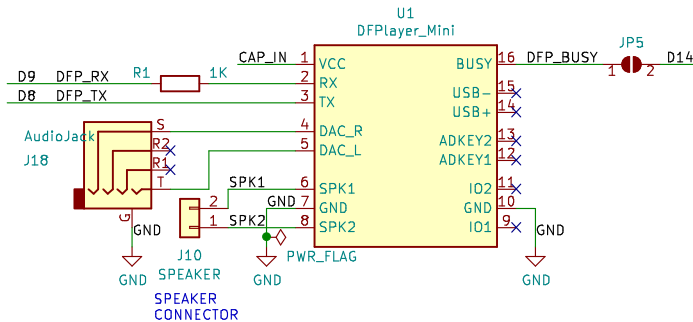


GENERAL GPIO



DFPlayer MINI

operation voltage: 3.2V-5.0V



ATmega32U4 digital Pins
Usable For Interrupts are 0, 1, 2, 3, 7
so
ROW1 at D0
ROW2 at D1
IR_RECV at D7

For SoftwareSerial Not all pins on the Leonardo and Micro support change interrupts,
so only the following can be used for RX: 8, 9, 10, 11, 14 (MISO), 15 (SCK), 16 (MOSI).

Sheet: /
File: HappyAAC-Type-A-2c.sch

Title: HappyAAC Type A

Size: A4 Date: 2021-04-20

KiCad E.D.A. kicad 5.1.9

Rev: 2c

Id: 1/1