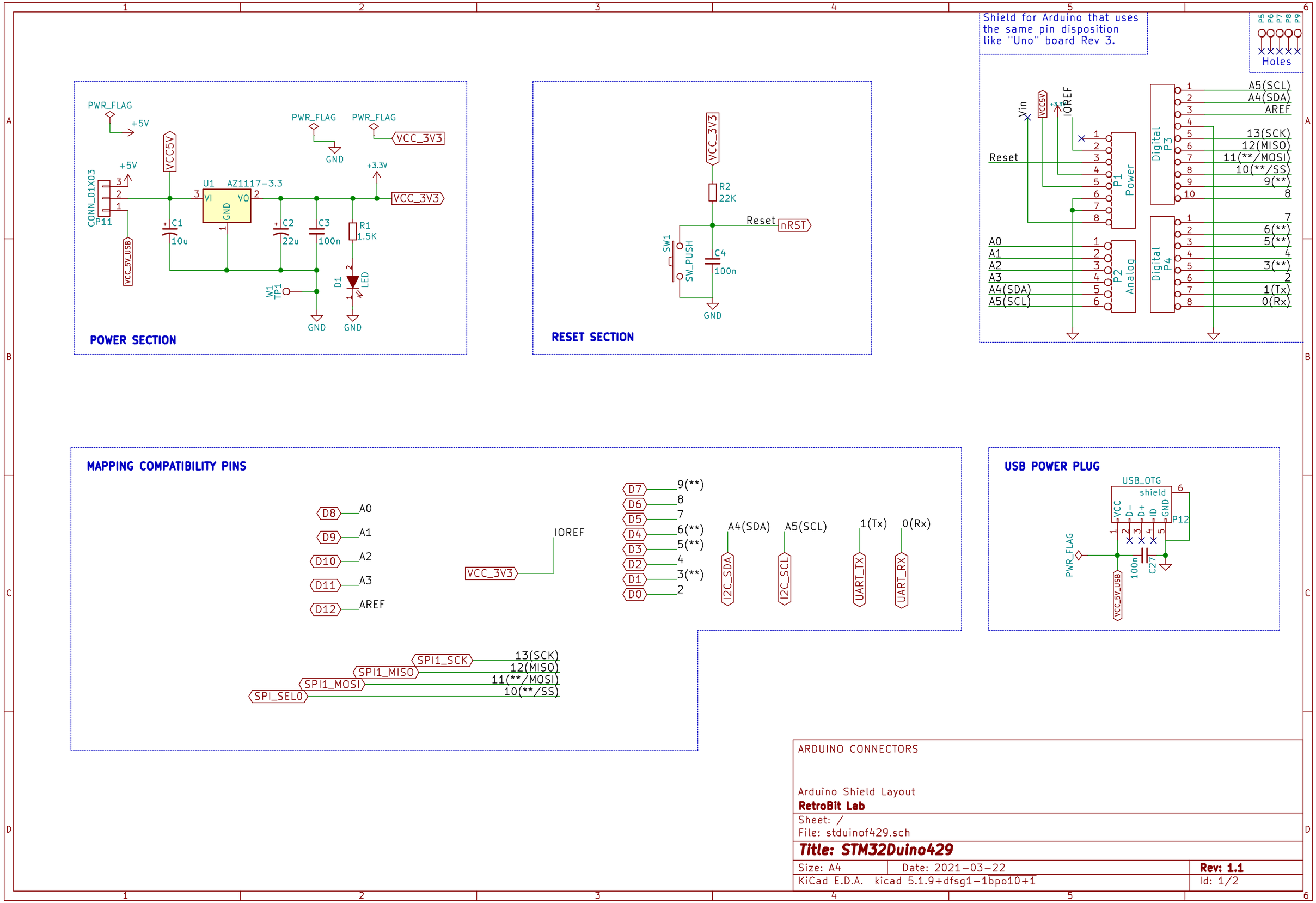


ARDUINO CONNECTORS

Arduino Shield Layout

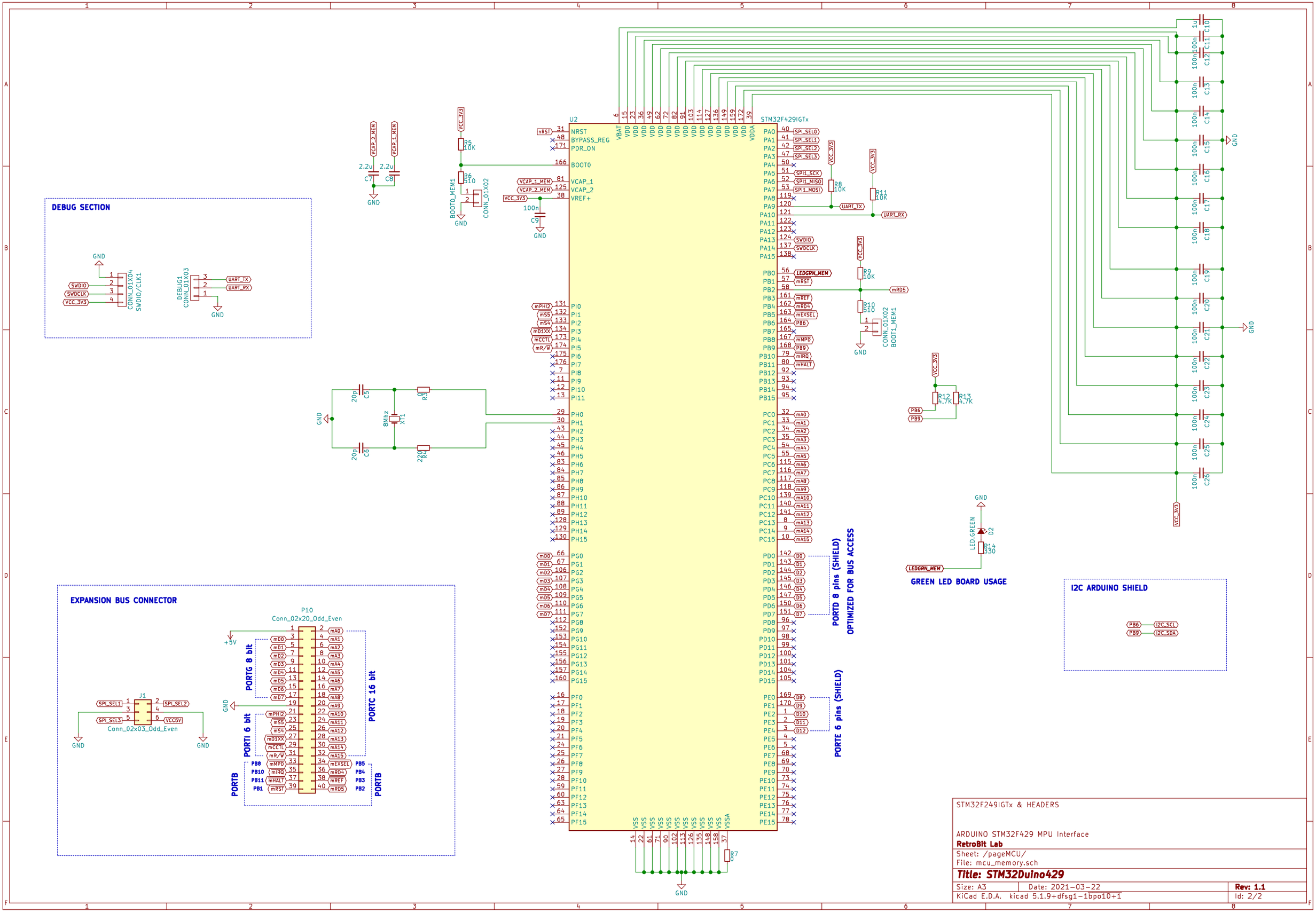
RetroBit Lab

Sheet: /

File: stduinof429.sch

Title: STM32Duino429

Size: A4	Date: 2021-03-22	**Rev: 1.1**
KiCad E.D.A. kicad 5.1.9+dfsg1-1bpo10+1		Id: 1/2


DEBUG SECTION
CONN_01X04
SWDIO/CLK1
DEBUG1
CONN_01X03
EXPANSION BUS CONNECTOR
P10
Conn_02x20_Odd_Even
J1
Conn_02x03_Odd_Even
PORTG 8 bit
PORTI 6 bit
PORTB
PORTC 16 bit
U2
STM32F429IGTx
BOOT0_MEM1
CONN_01X02
BOOT1_MEM1
PORTD 8 pins (SHIELD)
OPTIMIZED FOR BUS ACCESS
PORTE 6 pins (SHIELD)
GREEN LED BOARD USAGE
I2C ARDUINO SHIELD
STM32F249IGTx & HEADERS
ARDUINO STM32F429 MPU Interface
RetroBit Lab
Sheet: /pageMCU/
File: mcu_memory.sch
Title: STM32Duino429
Size: A3
Date: 2021-03-22
Rev: 1.1
KiCad E.D.A. kicad 5.1.9+dfsg1-1bpo10+1
Id: 2/2