

A

B

C

D

E

A

B

C

D

E

TITLE: MAIN CNTRL_v02

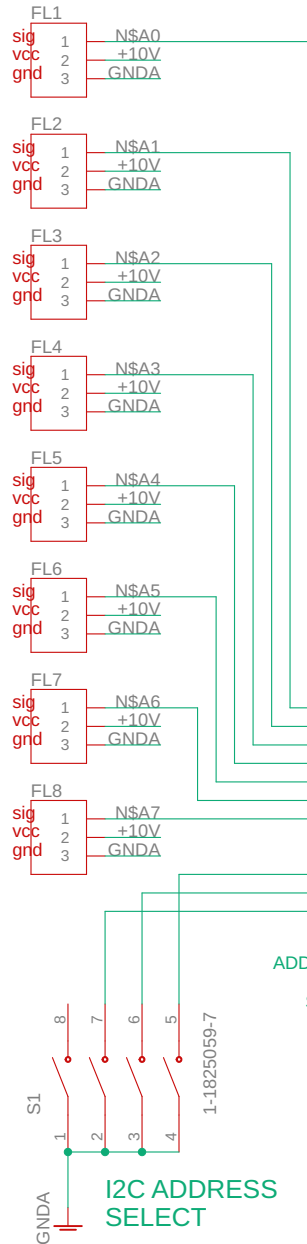
Document Number:

REV:

Date: 3/15/2023 5:13 PM

Sheet: 1/6

HEADER PINS FOR FLOW SENSORS



SLAVE MEGA. USE 0.1" (2.54 MM) MALE HEADERS FROM
PCB TO FEMALE HEADERS ON MEGA BOARD

PLEASE NOTE THAT ALL SLAVE I2C PULLUP RESISTORS SHOULD
BE REMOVED BEFORE INTERCONNECTION WITH OTHER BOARDS
AND MASTER

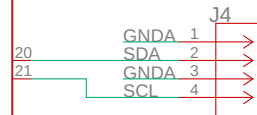
• ARDUINO MEGA 2560

ADDITIONAL
FLOW
SENSOR

ADDITIONAL
PROPORTIONAL
VALVE

TO PROPORTIONAL
VALVE CIRCUITRY

HEADER FOR
MASTER I2C PINS



V10

V9

ADDITIONAL
+24V
ISOLATION
VALVES

TO ISOLATION
VALVE CIRCUITRY

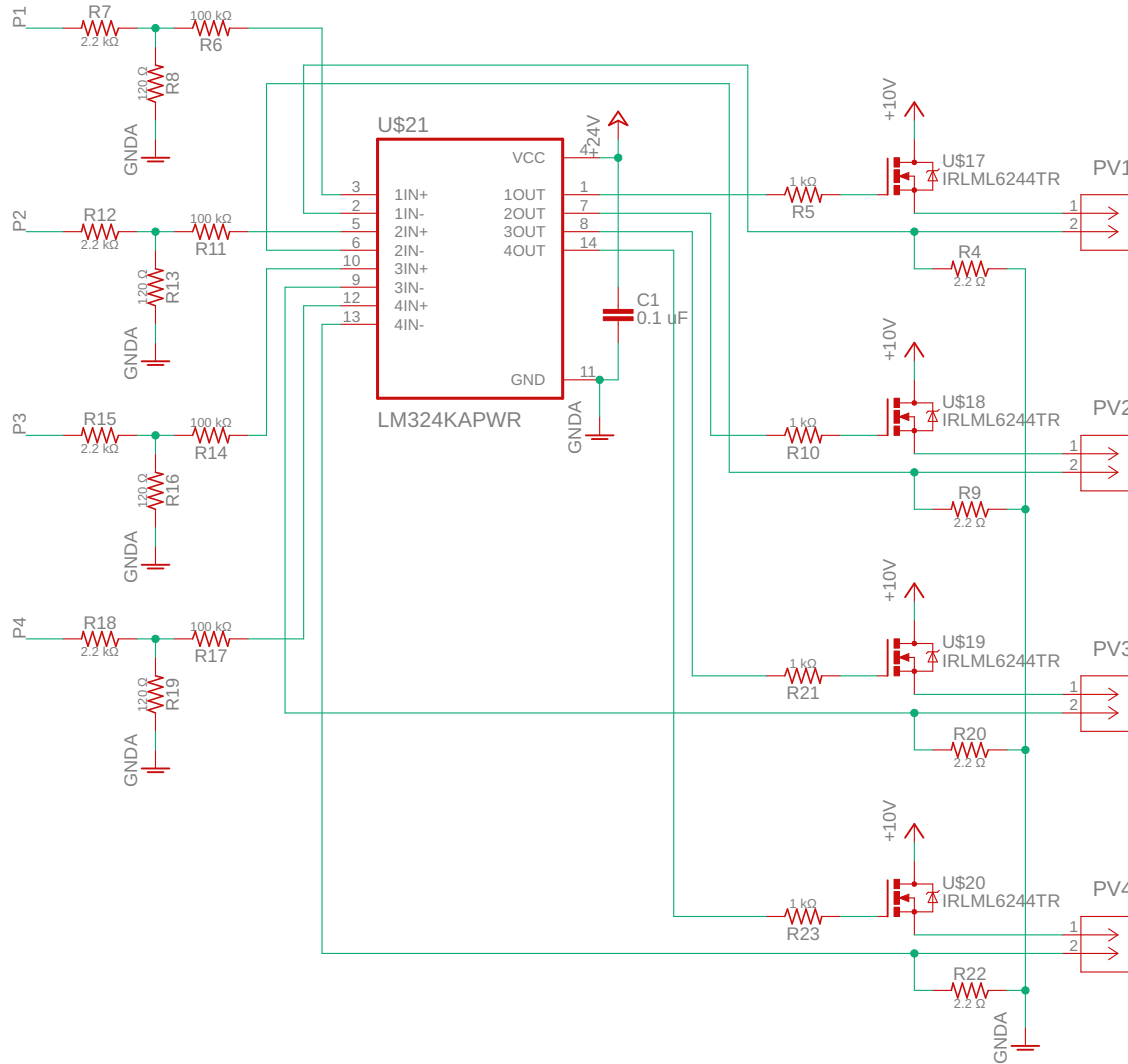
TITLE: MAIN CNTRL_v02

Document Number:

REV:

Date: 3/15/2023 5:13 PM

Sheet: 2/6



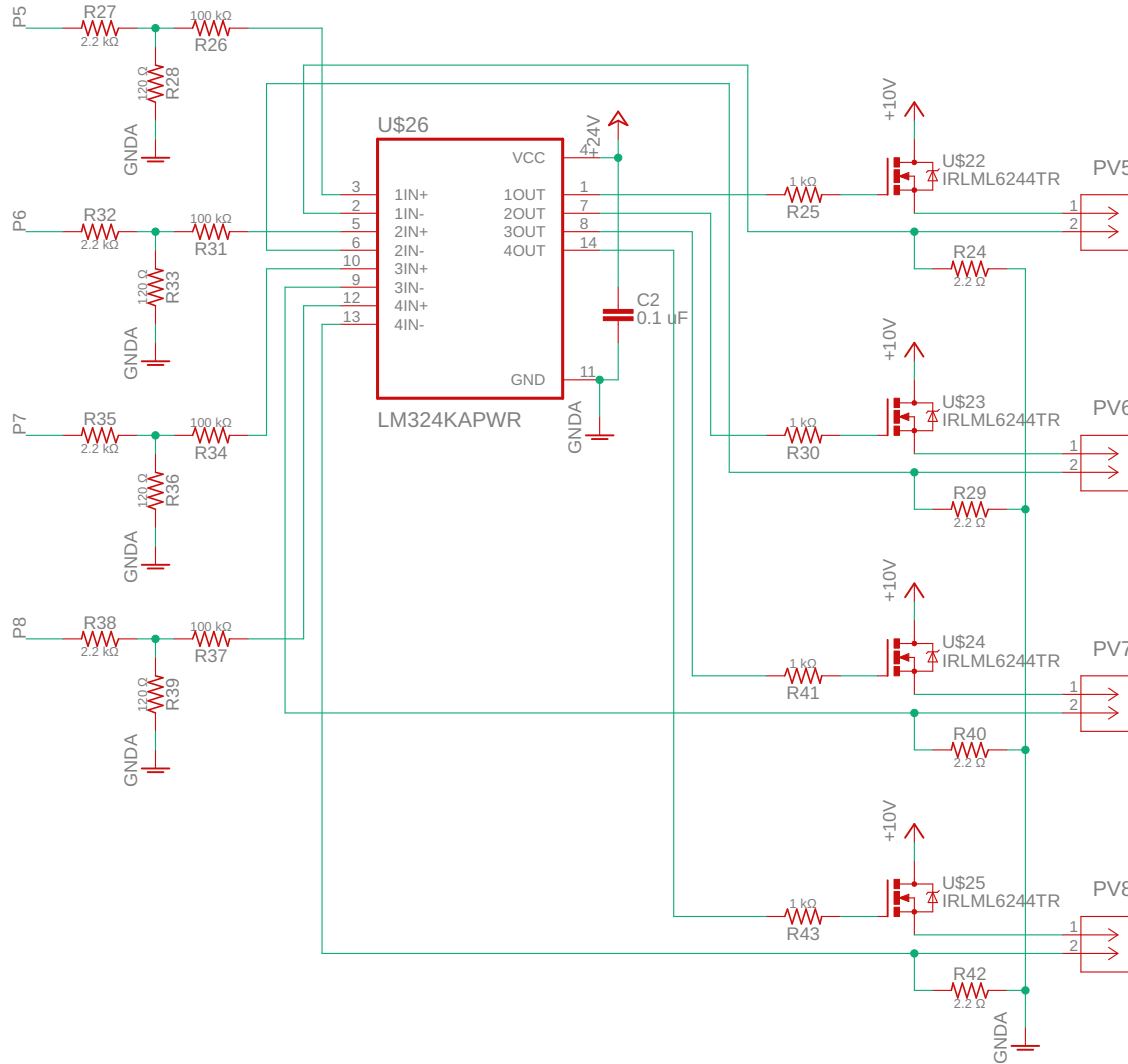
TITLE: MAIN CNTRL_v02

Document Number:

REV:

Date: 3/15/2023 5:13 PM

Sheet: 3/6



TITLE: MAIN CNTRL_v02

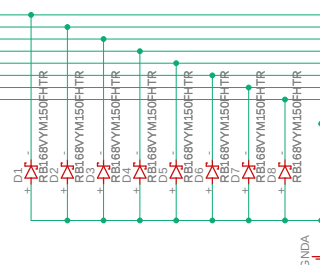
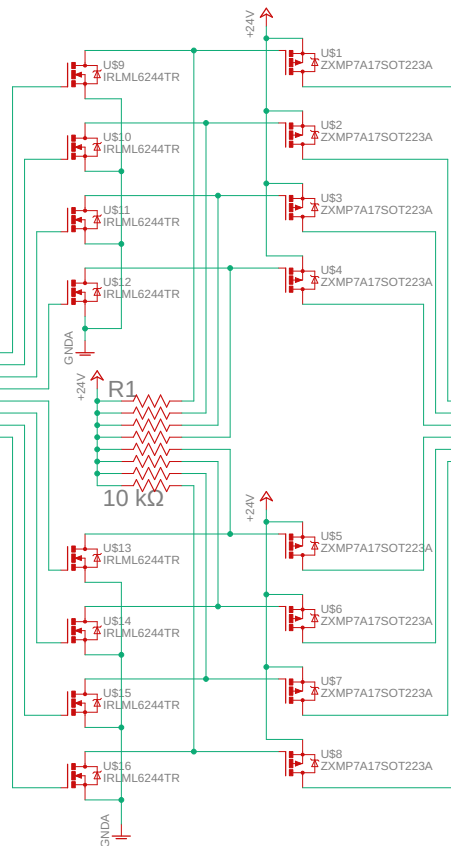
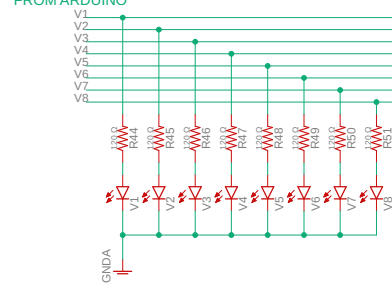
Document Number:

REV:

Date: 3/15/2023 5:13 PM

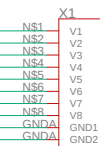
Sheet: 4/6

CONTROL SIGNAL (0-5V)
FROM ARDUINO



MIXING CHAMBER

mixing chamber schematic
as of 10/10/2022:



TITLE: MAIN CNTRL_v02

Document Number:

REV:

Date: 3/15/2023 5:13 PM

Sheet: 5/6

