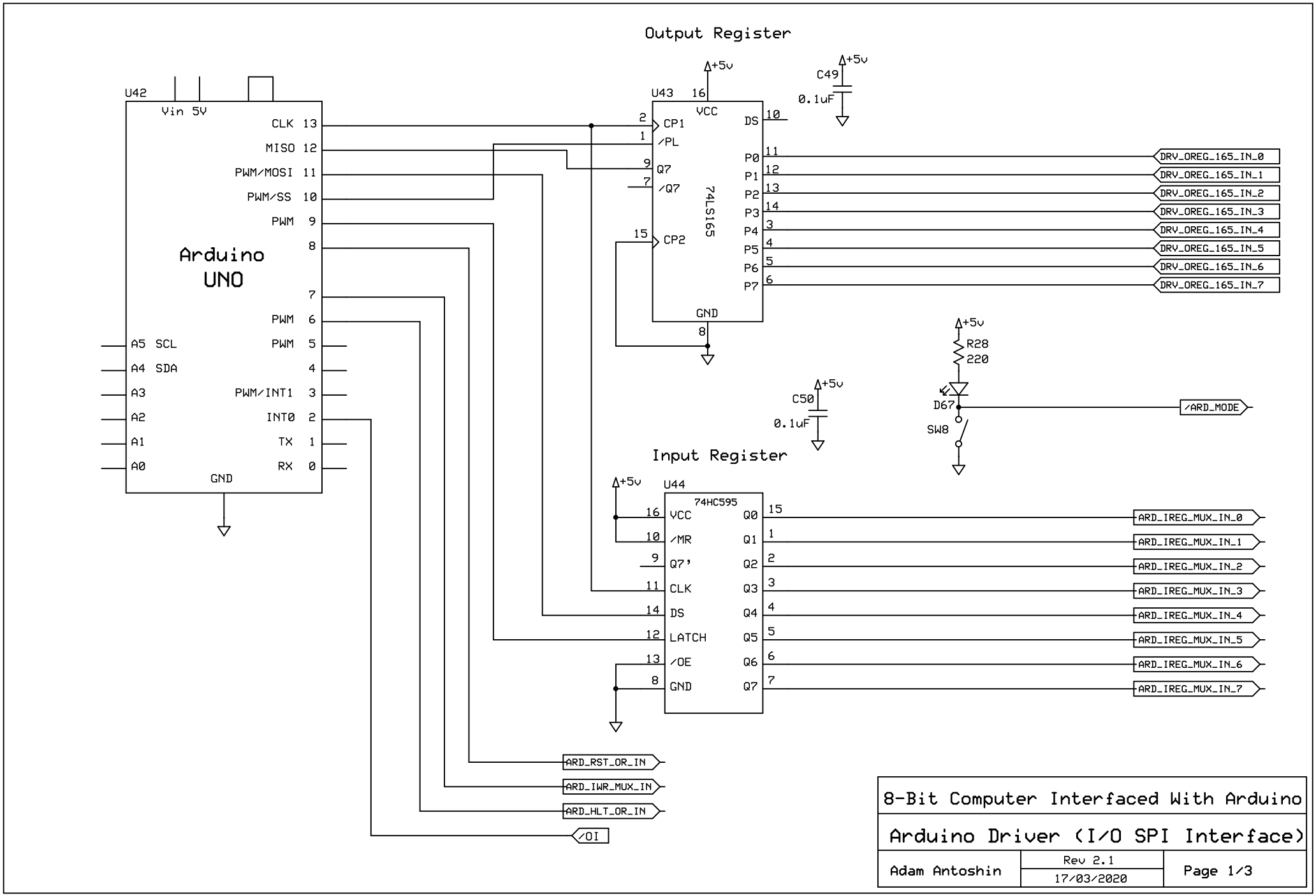
Output Register
U42
Vin 5V
CLK 13
MISO 12
PWM/MOSI 11
PWM/SS 10
PWM 9
8
Arduino
UNO
7
PWM 6
A5 SCL
PWM 5
A4 SDA
4
A3
PWM/INT1 3
A2
INT0 2
A1
TX 1
A0
RX 0
GND
U43
16
VCC
+5v
C49
0.1uF
2
CP1
1
/PL
9
Q7
7
/Q7
15
CP2
74LS165
DS 10
P0 11
P1 12
P2 13
P3 14
P4 3
P5 4
P6 5
P7 6
GND
8
DRV_OREG_165_IN_0
DRV_OREG_165_IN_1
DRV_OREG_165_IN_2
DRV_OREG_165_IN_3
DRV_OREG_165_IN_4
DRV_OREG_165_IN_5
DRV_OREG_165_IN_6
DRV_OREG_165_IN_7
C50
0.1uF
R28
220
D67
SW8
/ARD_MODE
Input Register
U44
74HC595
16 VCC
10 /MR
9 Q7'
11 CLK
14 DS
12 LATCH
13 /OE
8 GND
Q0 15
Q1 1
Q2 2
Q3 3
Q4 4
Q5 5
Q6 6
Q7 7
ARD_IREG_MUX_IN_0
ARD_IREG_MUX_IN_1
ARD_IREG_MUX_IN_2
ARD_IREG_MUX_IN_3
ARD_IREG_MUX_IN_4
ARD_IREG_MUX_IN_5
ARD_IREG_MUX_IN_6
ARD_IREG_MUX_IN_7
ARD_RST_OR_IN
ARD_IWR_MUX_IN
ARD_HLT_OR_IN
/OI
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Arduino Driver (I/O SPI Interface)
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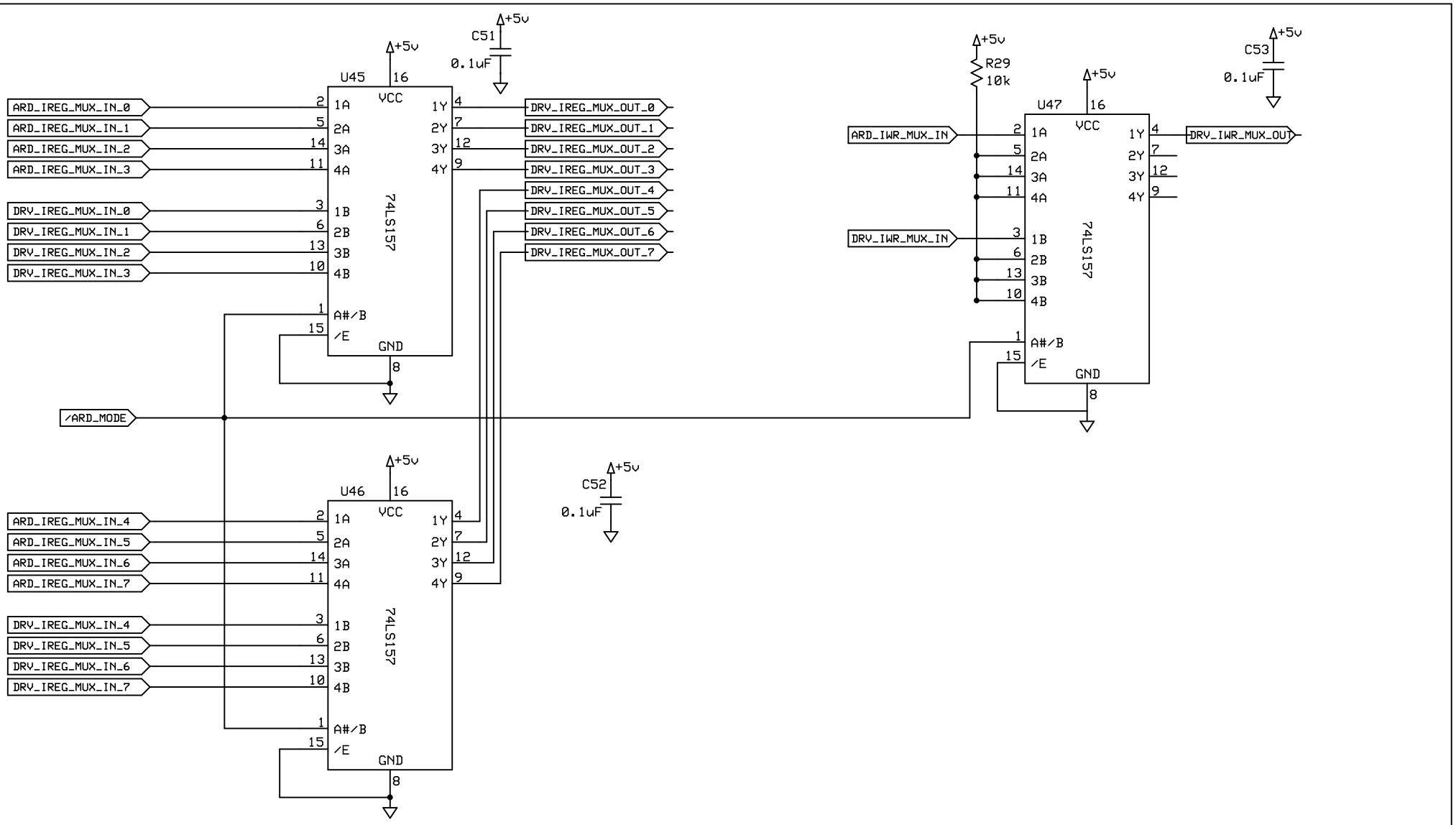

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Arduino Driver (MUX Unit)

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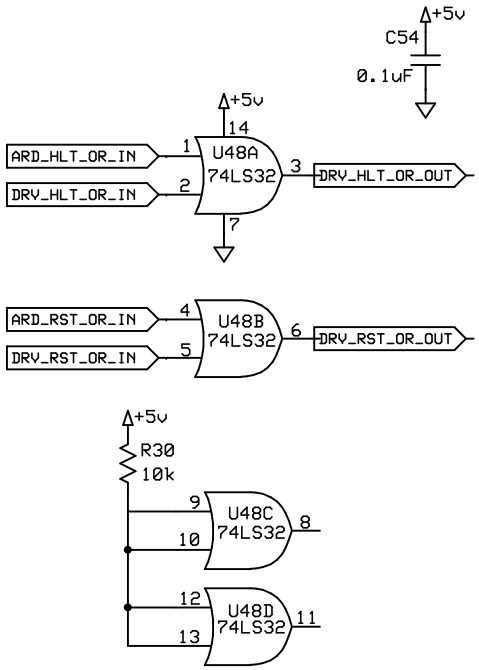

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Arduino Driver (MUX Unit)		
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