



Arduino Uno
power via USB (5V)
or pin 8 Vin (8-12V)

Machine Wiring Harness (to be built)
Rotary Encoder Wiring Not Shown

Motor Supply
+24V
GND

SeaTel
3 axis
Motor
Driver
Board

Motor Wiring

D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
A0
A1
A2
A3
A4
A5
+24
/WR
Dir
AStat
+24
Gnd
Conn_01x15
J1

1
2
3
4
5
6
7
8
9
DB9S
1
2
3
4
5
6
7
8
9
DB9P
5V
HallW
HallV
HallU
Gnd
M3
3phmotor

1
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DB9S
1
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4
5
6
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8
9
DB9P
5V
HallW
HallV
HallU
Gnd
M1
3phmotor

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DB9S
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8
9
DB9P
5V
HallW
HallV
HallU
Gnd
M2
3phmotor

Sheet: /		Date: 2020-01-05		Rev: 0	
File: seatel_driver_uno_test.sch		Date: 2020-01-05		Id: 1/1	
Title: Test Wiring – UNO to Seatel Driver Board					
Size: USLetter		Date: 2020-01-05		Rev: 0	
KiCad E.D.A. eeschema 5.1.5		Date: 2020-01-05		Id: 1/1	

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