LIPSCOMI	UNIVERSITY		
011	1		tested
Robot	Wiring Ord	er	Serson
Red	Motor 12		Red = Vin
	Motor B	-	Red = Vin Oragge = GND Green = SCL Blue SDA Yellow = XSHUT
Prange	Motor 2A		Green = SCL
Grean	Motor 2B		Yallow = XSHUT
Violet	Motor 3A Motor 3B		
Gray	Motor tA		SenSOL Red=VIN Orange = GND Green = SCL Blue = SDA Vellow = XSHUT
White	Motor 4B		Description of the second
White Black	GNO		Green = SCL
orange	5V 50A		Bye = 501
1 orange Yellow	SCL		Vellow = XS#U1
(Toren	XSHUEL		
Blue Violet	XCHITS		Sensor 3 Brown = Vin White = XSHUT
Gmy	X5HUT4		White = XST
White -	Stepper A	Brown	Black = GND
W/Black Red	Stepper		Gray = 5DA Violet = 5CL
Gray White Black Wellow Green Blue Violet	Stepper DX	Brivn/White	
Yellord			Sensor 4 Brown=SDA White=XSHVT
Green			KOWA ZELIT
Blue			1210 CK - 501
Grony			Grav = GND
) Write	X		Kolet=Vin
LBlack	X		
Unused Light Blue Bluck/Blue Gold Yellow/ Green			
Light Blue		GND 100 1B 1A 2A 2B	DTR STEP SLEEP RESET MS2 MS1 EN
Black/1814	2 GIVD	18	5759
Vellan / leresy	6V	IÀ	A FACT
1611000 6 01611		24	MS3
		2D	MS2
2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		GNO	0451
		0.	EN



Name _____ Sheet No. ____ of _____ For Vobot wiving _____ Date 3/30/22

For vobot wiring	Date
	1+15 cm of bot is down
Motor shield- MI-motor I, top right	tation with noton at tolput
motor shield-	(D)
MI-motor 1, top right	
J	
M2-motor 2, bottom right	
M3-motor3, bottom left	
100100	
My- motory, top left	
lin- = 12V from voil/battory	
11h 120 TOOM 1011 MILES 9	
	1 A.C. Callater
Serval - Voising Serva, exter	rna 1 + 5 1 + 10m 129 411201
Servoz- grabber servo, thu	from > 41810
	and the King Control
- running set	ourate ± 5 V for sorros
End, Pur, Signal	
dil sonsor ines possthi	rough to respective
doge padre book-	
+12V - form Vail	
15V-04t	
DC Driver- in/- Pin 11	
107 1012	
1012-1111	
Class Conth	
Mat 1 - MOTON	
MILL - MUTUUS	
1/12 - Pin 12 Jut 1 - motor 5 04t2 - motor 5	
OUt2-motor5	
out2-motor5	
out2-motor5	

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Sheet No. Name Date_ For _ cont. Hodge peage board Stepper driver 1-. A-raising orm 1 to arm 1 B arm 2 t arm 2 B B- roising
2A- roising
213- roising
Step- Ai
Dir- AO Stepher dr: New 2 -1 A - 17080 1A 113 - BASC 1B 2A - Base 2A 2B - Base 2A Step - A3 Dir - A2

of _