
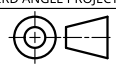


Item	Quantity	Part number	Description
1	1	Z1-SCI-04	Bottom plateforme an motor assembly
2	4	Z1-SCI-05	Bucket and servo assembly
3	1	Z1-SCI-03	Upper platform and electronics assembly

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS  ANGULAR = $\pm$ °  SURFACE FINISH   DO NOT SCALE DRAWING  BREAK ALL SHARP EDGES AND REMOVE BURRS  THIRD ANGLE PROJECTION 		DRAWN	NAME	DATE	TITLE  ZEUS PROJECT SCIENCE ASSEMBLY	
		CHECKED	ANTHONY MARCHAND	04/24/2021		
		APPROVED				
		MATERIAL	FINISH	SIZE	DWG NO.	REV.
				A	Z1-SCI-02	
				SCALE 1:12	WEIGHT	SHEET 1 of 4

2

1

A

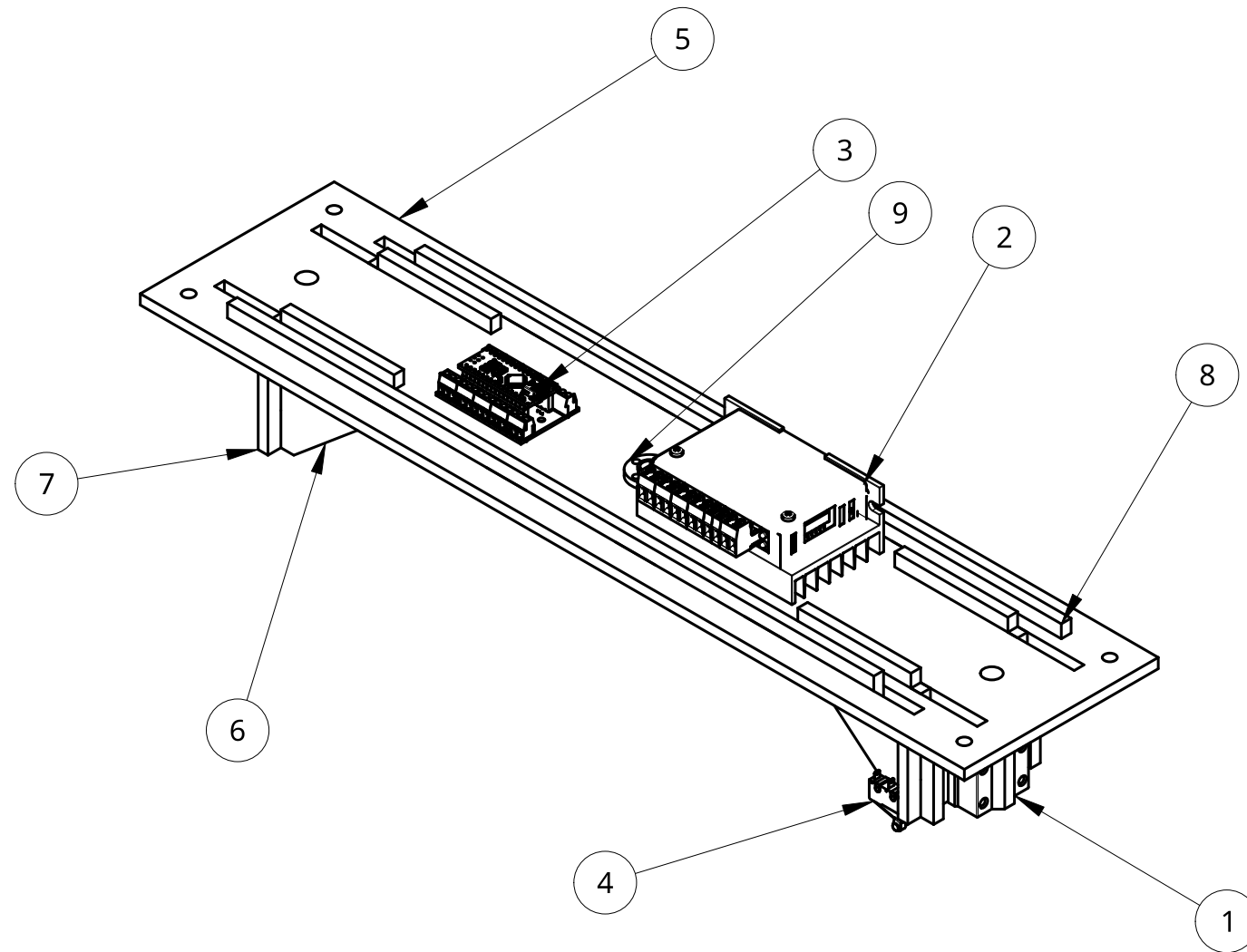
A

4

3

2

1



Item	Quantity	Part number	Description
1	4	SCS8UU	8mm linear shaft
2	1	TB6600	Stepper motor driver
3	1	Arduino Nano	Arduino Nano
4	1	Limit Switch	Limit Switch
5	1	Z1-SCI-03-006	Upper platform
6	4	Z1-SCI-03-007	Angle support
7	2	Z1-SCI-03-008	Bearing support
8	2	Z1-SCI-03-009	Upper platform reinforcement
9	1	T8 Lead Nut	T8 Lead Nut Brass
10	16		Hex socket head cap screw M3x0.50 x 12 Stainless Steel
11	2		Hex socket head cap screw M3x0.50 x 25 Stainless Steel
12	2		Chamfered plain washer normal M3 Stainless Steel
13	2		Hex nut grade A & B M3x0.5 Stainless Steel

4

3

2

1

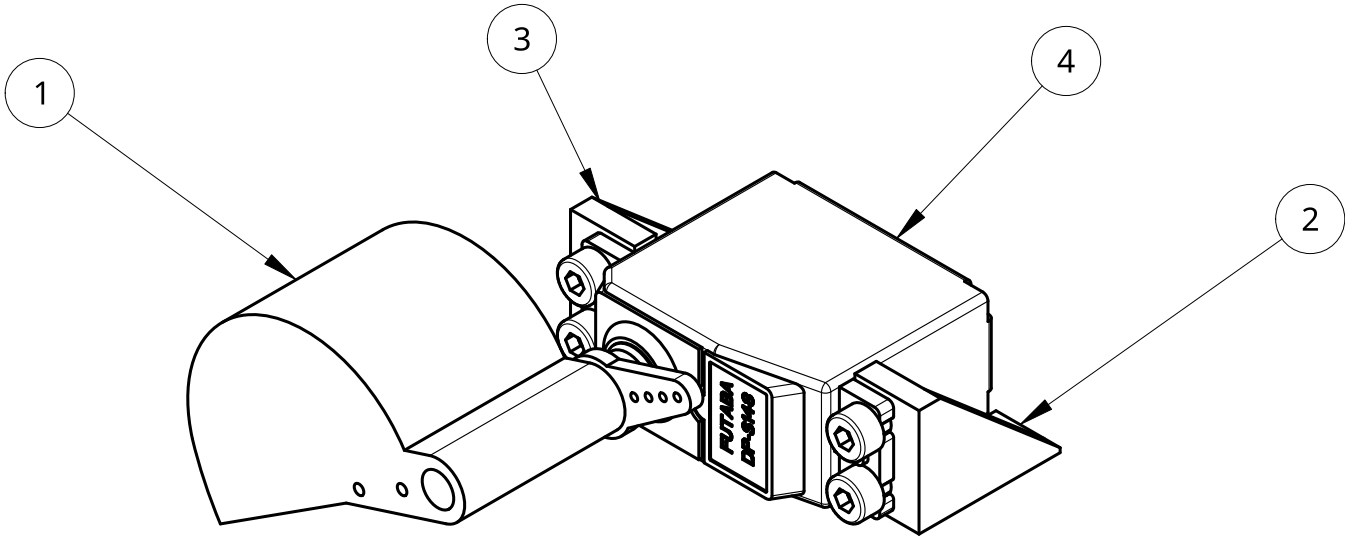
DWG NO.	Z1-SCI-03	SIZE	B	SCALE	1:3	SHEET	2 of 4	REV.	
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B

Item	Quantity	Part number	Description
1	1	Z1-SCI-05-004	Sample Bucket
2	1	Z1-SCI-05-011	Left Servo Support
3	1	Z1-SCI-05-012	Right Servo Support
4	1	HITEC HS-422	HITEC HS-422 Servomotor
5	4		Hex socket head cap screw M4x0.70 x 8 Stainless Steel
6	4		Hex nut grade A & B M4x0.7 Stainless Steel
7	1		Hex socket head cap screw M3x0.50 x 6 Stainless Steel

B



A

A