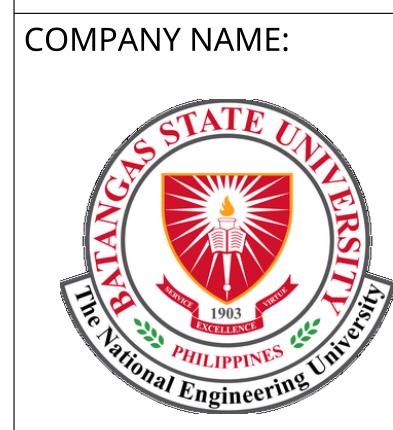


Name	Quantity	Component
U1	1	Arduino Uno R3
U2	1	H-bridge Motor Driver
Bat4	1	4 batteries, AA, no 1.5V Battery
DIST1	1	Ultrasonic Distance Sensor
U3	1	IR sensor
M3 M1	2	Hobby Gearmotor



NAME:
**COMPANY 4 - CARTESIAN
MANIPULATOR**

PROGRAM:
BS MECHATRONICS ENGINEERING
ECE 415 - MICROPROCESSOR AND
MICROCONTROLLER SYSTEMS AND
DESIGN

ACTIVITY NO. / ACTIVITY NAME:
**Task 3: Circuit
Diagram of Mobile
Articulated
Manipulator Robot**

DESIGNED BY:
RAYNIEL LESTER PINEDA

CADD BY:
BRYAN EVANGELISTA

CHECKED BY:
ENGR. MIKKO DE TORRES

DATE:
JULY 24, 2023

REVISIONS: DATE:

SUBMITTED TO:

ENGR. MIKKO DE TORRES

SHEET CONTENTS:

**Circuit Diagram
for Robot Car**

SHEET NUMBER:

1 OUT OF 2