

To design and develop a remotely operated robotic arm system that utilizes stepper motors controlled via TSOP sensors for precise arm movements and a servo motor controlled by IR signals for gripper operation, enabling efficient object grabbing and lifting with smooth and responsive control.

COMPONENTS:

- 2 28BYJ-48 5V Stepper motor
- 2 ULN2003 stepper motor driver
- 1 SG90 Servo motor
- 1 TSOP sensor
- 1 IR sensor
- 1 Arduino Mega
- 1 Power Supply.

