

Bill of Materials

Project Name	Gesture Controlled Robotic Arm
Assembly Name	Mechanical System
Assembly Revision	1
Date of Approval	
Total Piece	45

S.NO	Part Name	Assemblies & Subassemblies	Part Description	Quantity	Procurement Details
1	3D Printed Body	Enclosure and Main Frame	The main body of the robotic arm	1	
2	Ball Bearings	Enclosure and Main Frame	Ball Bearings	4	
3	M3 Screws	Enclosure and Main Frame	M3 Screws	12	
4	M3 Bolts	Enclosure and Main Frame	M3 Bolts	12	
5	Washers	Enclosure and Main Frame	Washers	12	2 for each bearing
6	Glue (Hot Glue)	Enclosure and Main Frame	Glue	-	as needed
7	Velcro Strips	Enclosure and Main Frame	Velcro strips in meters	4	helps in removing the arm and relocating it
8					
9					
10					

