



PIB PRINTING CHECKLIST

#5

Here is a list of all printed parts you need to build your own pib.

PRINTING PARTS – 1x Head, 1x Neck

✓	Part number	Part name	Quantity	Weight	Colour
	A01	A01-Face	1	0.261 kg	White
	A02	A02-Face_neck_clamp	1	0.261 kg	White
	A03	A03-Face-Plate	1	0.078 kg	White
	A04-L	A04-L-Head_side_left	1	0.113 kg	White
	A04-R	A04-R-Head_side_right	1	0.115 kg	White
	A05	A05-Mic-array_mounting_insert	1	0.0003 kg	White
	A06	A06-Mic-array_knob	1	0.002 kg	White
	A71	A71-Inner_part	1	0.049 kg	White
	A72	A72-Top_part	1	0.194 kg	Black
	A73	A73-Cover_neck	1	0.02 kg	Black
	A81	A81-Motor_shaft	1	0.008 kg	Black
	A82	A82-Neck_axis	1	0.007 kg	Black
	A75-R	A75-R-Neck_Right	1	0.26 kg	Black
	A75-L	A75-L-Neck_Left	1	0.224 kg	Black
	A76	A76-Neck_Middle	1	0.033 kg	Black
	A83	A83-Motor_Adapter_Neck	1	0.002 kg	White



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PRINTING PARTS – 1x Body

✓	Part number	Part name	Quantity	Weight	Colour
	B25	B25-Wire_connector	12	0.001 kg	White
	B27	B27-Wire_connector_mount	12	0.00036 kg	White
	B41-L	B41-L-Clavicle_Left	1	0.567 kg	White
	B41-R	B41-R-Clavicle_Right	1	0.56 kg	White
	B42-L	B42-L-Ribcage_Left	1	0.449 kg	White
	B42-R	B42-R-Ribcage_Right	1	0.443 kg	White
	B43-L	B43-L-Ribcage_Lower_Left	1	1.399 kg	Black
	B43-R	B43-R-Ribcage_Lower_Right	1	1.38 kg	Black
	B44	B44-Electronics_back	1	0.097 kg	White
	B46	B46-Power_back	1	0.205 kg	White
	B47	B47-Power_Holder	1	0.095 kg	White
	B48	B48-Hinge	4	0.004 kg	White
	B49	B49-Hinge_Plate	4	0.003 kg	White
	B55	B55-Logo_plate_5_Educational	1	0.02 kg	White
	B57	B57-Printed_washer_relay	2	0.001 kg	White
	B58	B58-Button_scaffold	1	0.011 kg	White
	B62	B62-Wire_connector_knob_thumb_opposition	2	0.002 kg	White
	B63	B63-Wire_connector_knob_thumb_stretch	2	0.005 kg	White
	B64	B64-Wire_connector_knob_finger_stretch_CCW	2	0.01 kg	White
	B65	B65-Wire_connector_knob_finger_stretch_CW	6	0.01 kg	White
	B66	B66-Body_Neck_Position	2	0.0023	Black
	B67	B67-Slicky	26	0.00626	Black
	Letter	B	1	0.00045 kg	Black
	Letter	dot	1	0.00015 kg	Black
	Letter	i_major	1	0.00031 kg	Black
	Letter	i_minor	1	0.00014 kg	Black
	Letter	P	1	0.00042 kg	Black



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PRINTING PARTS – 1x Arm left, 1x Arm right

✓	Part number	Part name	Quantity	Weight	Colour
	C65	C65-Bracket_Outer_Shoulder	4	0.147 kg	White
	C66	C66-Cap_Front_Outer_Shoulder	2	0.066 kg	Black
	C67	C67-Cap_Back_Outer_Shoulder	2	0.04 kg	Black
	C68	C68-Inner_Ring_Outer_Shoulder	4	0.016 kg	White
	C69	C69-Inner_Part_Outer_Shoulder	2	0.761 kg	Black
	C70	C70-Shell_Outer_Shoulder	2	0.204 kg	White
	C72	C72-Plate_Outer_Shoulder	4	0.001 kg	White
	C75	C75-Front_Bracket_Outer_Shoulder	4	0.036 kg	White
	C78	C78-Central_rotator_bracket-shoulder	2	0.019 kg	White
	C09	C09-Central_rotator_connector	4	0.059 kg	White
	C77	C77-Central_rotator_motor_connector-shoulder	2	0.025 kg	White
	C74	C74-Wire_holder	4	0.007 kg	Black
	C73	C73-Wire-holder-pin	4	0.002 kg	White
	C76	C76-Shell_cap	2	0.003 kg	White
	C39	C39-Elbow_upper_shell	2	0.225 kg	White
	C36	C36-Elbow_lower_shell	2	0.233 kg	Black
	C31	C31-Elbow_shaft_motor	2	0.052 kg	Black
	C35L	C35L-Elbow_clamp_left	2	0.022 kg	White
	C38	C38-Elbow_cover	2	0.025 kg	Black
	C37	C37-Elbow_rotator_bracket	2	0.097 kg	White
	C40	C40-Elbow_upper_shell_lock	2	0.096 kg	White
	C34	C34-Elbow_motor_connection	2	0.019 kg	White
	C33	C33-Elbow_motor_flange	2	0.007 kg	White
	C35R	C35R-Elbow_clamp_right	2	0.022 kg	White
	C32	C32-Elbow_axis_cable	2	0.042 kg	Black
	C15	C15-Central_rotator_motor_connector	2	0.024 kg	White
	C41	C41-Elbow_central_motor_flange	2	0.003 kg	White



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PRINTING PARTS – 1x Arm left, 1x Arm right

✓	Part number	Part name	Quantity	Weight	Colour
	C19L	C19L-Forearm_distal_top_left	1	0.096 kg	White
	C18L	C18L-Forearm_distal_lock_left	1	0.03 kg	White
	C19R	C19R-Forearm_distal_top_right	1	0.096 kg	White
	C18R	C18R-Forearm_distal_lock_right	1	0.03 kg	White
	C25	C25-Forearm_disc_bottom	2	0.003 kg	White
	C26	C26-Forearm_disc_top	2	0.003 kg	White
	C27	C27-Forearm_bearing_distance_ring	2	0.0002 kg	White
	C28	C28-Forearm_bearing_center	2	0.002 kg	White
	C30	C30-Forearm_bar	2	0.011 kg	Black
	C51	C51-Wire-Protector_Servo-Array-Scaffold	2	0.048 kg	Black
	C52	C52-Servo_Tube_Cover	2	0.004 kg	Black
	C60	C60-Flange_Inner_Shoulder	2	0.012 kg	White
	C60L	C60L-Servo-Array-Scaffold_left	1	0.119 kg	White
	C60R	C60R-Servo-Array-Scaffold_right	1	0.12 kg	White
	C61	C61-Motor_Bracket_Inner_Shoulder	2	0.279 kg	White
	C62	C62-Ringflange_Inner_Shoulder	2	0.05 kg	Black
	C63	C63-Motor_Axis_Inner_Shoulder	2	0.104 kg	White
	C64	C64-Motor_Axis_Cap_Inner_Shoulder	2	0.075 kg	Black



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PRINTING PARTS – 1x Hand left, 1x Hand right

✓	Part number	Part name	Quantity	Weight	Colour
	D31	D31-Hand_wrist_connector	4	0.003 kg	Black
	D01-L	D01-L-Palm_left	1	0.125 kg	White
	D11-L	D11-L-Bearing_enclosure_left	1	0.001 kg	White
	D30-L	D30-L-Cover_hand_left	1	0.031 kg	White
	D50	D50-Finger_palm_connection	8	0.012 kg	White
	D51	D51-Coupling-Bar-Proximal	8	0.001 kg	White
	D52	D52-Finger_proximal	8	0.015 kg	White
	D53	D53-Coupling-Bar-Distal	8	0.001 kg	White
	D54	D54-Finger_distal	8	0.012 kg	White
	D55	D55-Finger_tip	8	0.005 kg	White
	D13-L	D13-L-Thumb_rotator_left	1	0.013 kg	White
	D56	D56-Coupling-Bar_Thumb	2	0.001 kg	White
	D57	D57-Thumb_proximal	2	0.021 kg	White
	D58	D58-Thumb_tip	2	0.015 kg	White
	D01-R	D01-R-Palm_right	1	0.125 kg	White
	D11-R	D11-R-Bearing_enclosure_right	1	0.001 kg	White
	D30-R	D30-R-Cover_hand_right	1	0.031 kg	White
	D13-R	D13-R-Thumb_rotator_right	1	0.013 kg	White



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PRINTING PARTS – 1x Hand inserts left, 1x Hand inserts right

To be printed in TPU or similar Flexible Filaments

✓	Part number	Part name	Quantity	Weight	Colour
	D65-R	D65-R-Palm_skin_right	1	0.007 kg	Black
	D65-L	D65-L-Palm_skin_left	1	0.007 kg	Black
	D59	D59-Palm_connection_skin	8	0.003 kg	Black
	D60	D60-Proximal_skin	8	0.001 kg	Black
	D61	D61-Distal_skin	8	0.001 kg	Black
	D62	D62-Tip_skin	8	0.002 kg	Black
	D63	D63-Thumb_proximal_skin	2	0.003 kg	Black
	D64	D64-Thumb_tip_skin	2	0.005 kg	Black



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