





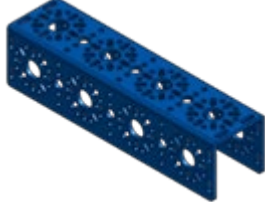
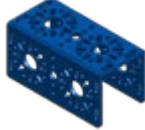







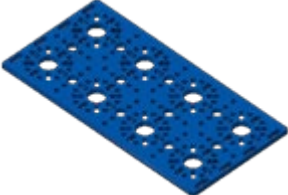

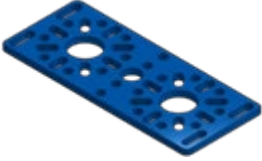
FTC Starter Kit

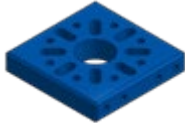

Note: 3D CAD files are available at www.studica.com/studica-robotics-resources

Name	Part #	Qty	Visual Image
Electronics & Accessories			
Zip Ties	70010	100	
Toolbox	70056	1	
2.5mm Hex Driver	70142	1	
Hex Key Metric 7 Piece Set	70144-7	1	
5.5mm Wrench	70145	1	
Rubber Grommet	76504	10	
U-Channel Bumper	76505	4	










Rubber Foot	76506	4	
NeveRest Orbital Gearmotor	am-4609b	2	
NeveRest Classic 40	am-2964b	2	
NeveRest Motor REV Expansion Hub Encoder Cable	am-3926a	4	
Servo Extension Cable - 450mm	70188	2	
Servo Y Connector	70189	2	
12V 3000mAh Battery	70025	1	
XT30 to Tamiya Adapter	70179	1	
Battery Charger	70026	1	
Multi-Mode Smart Servo	75002	2	
Multi-Mode Smart Servo 200	75007	2	












Smart Servo Programmer	75003	1	
AA Battery Holder	75004	1	
U-Channel			
432mm U-Channel	76010	2	
384mm U-Channel	76011	1	
240mm U-Channel	76014	2	
192mm U-Channel	76015	2	
96mm U-Channel	76017	2	
48mm U-Channel	76018	4	












Flat Beams			
288mm Flat Beam	76043	2	
L Beams			
96mm L-Beam	76117	2	
Square Beams			
288mm Square Beam	76103	2	
144mm Square Beam	76106	2	
192mm x 96mm Flat Bracket	76066	2	
144mm x 40mm Flat Bracket	76064	2	
96mm x 40mm Flat Bracket	76065	2	
Irregular Brackets			






96mm Adjustable Flat Bracket	76083	2	
Inside U Bracket	76086	4	
L Bracket	76087	4	
Inside L Bracket	76089	6	
Battery Clip	76088	2	
Mounting Plates and Servo Attachments			
Motor Mount Plate	76140	2	
Orbital Mount Plate	76138	2	
Motor Mount Clamp Kit	76141	2	
End Piece Plate	76143	6	
Servo Standard Mount	76144	1	

Servo Flat Mount	76145	2	
Servo Offset Mount	76146	2	
Servo Hub Pro	76152	3	
Servo Arm	76151	2	
Servo Hub 25T to 6mm	76149	2	
Axles, and Rack & Pinion			
6mm x 70mm D-Shaft	76160	6	
6mm x 96mm D-Shaft	76161	6	
6mm x 140mm D-Shaft	76164	6	
Rack & Pinion Set	76170	1	
Standoffs			

42mm Standoff	76180	12	
25mm Male to Female Standoff	76184	12	
25mm Standoff	76182	12	
Screws and Nuts			
M3 x 8mm Socket Head Cap Screw	76200	200	
M3 x 10mm Socket Head Cap Screw	76201	200	
M3 x 12mm Socket Head Cap Screw	76202	100	
M3 x 10mm Button Head Cap Screw	76203	100	
M3 x 20mm Socket Head Cap Screw	76209	50	
M3 Kep Nut	76204	200	

M3 Nyloc Nut	76205	100	
Gears, Pulleys, and Belts			
32 Tooth Gear	76220	2	
64 Tooth Gear	76221	2	
30 Tooth Bevel Gear	76219	4	
13 Tooth Bevel Gear	76223	2	
26 Tooth Bevel Gear	76224	2	
30 Tooth GT2 Pulley	76451	1	
20 Tooth GT2 Pulley	76450	2	
3mm GT2 Idler	76455	1	
1000mm GT2 Timing Belt Open	76464	2	
Belt Clamp	76456	2	

160mm Closed Loop Belt	76465	2	
Wheels			
100mm Drive Wheel	76262	4	
100mm Omni Wheel	76260	2	
Bushings, Bearings, Collars and Spacers			
6mm Shaft Hub	76284	4	
Clamping Shaft Hub	76281	2	
Light Weight Shaft Hub	76282	8	
Enhanced Wheel Hub Kit	76291	2	
14mm Flange Bearing	76302	24	
Face Bearing Block	76299	2	
8mm Bronze Bushing	76300	12	
Collar	76304	6	

Collar Clamp	76320	6	
1mm Thick M3 Screw Spacer (25 pack)	76309-25	5	
1mm Shaft Spacer	76305	24	
2mm Shaft Spacer	76306	24	
5mm Shaft Spacer	76307	12	
20mm Shaft Spacer	76308	6	