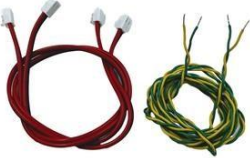
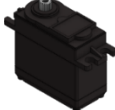


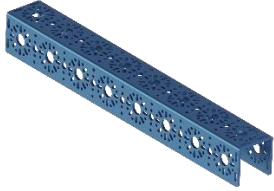
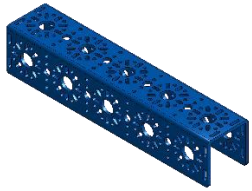
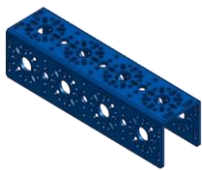
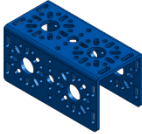
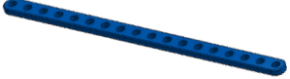
# Studica Robotics Classroom Kit

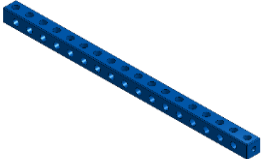
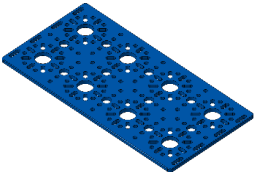
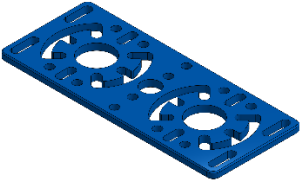
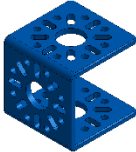
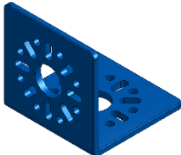
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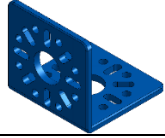
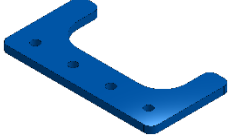
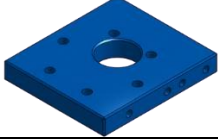
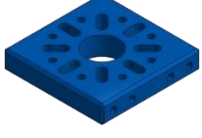
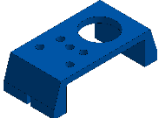
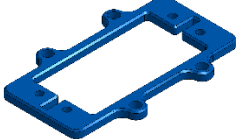
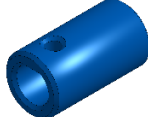


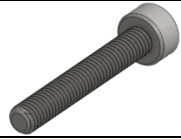
| Name                                 | Part #  | Qty | Image                                                                                 |
|--------------------------------------|---------|-----|---------------------------------------------------------------------------------------|
| <b>Electronics &amp; Accessories</b> |         |     |                                                                                       |
| Zip Ties                             | 70010   | 100 |    |
| Robotics 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   |  |
| Maverick 12V DC Gear Motor w/Encoder | 75001   | 4   |  |

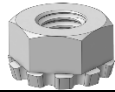
|                                                   |       |   |                                                                                       |
|---------------------------------------------------|-------|---|---------------------------------------------------------------------------------------|
| VMX Robotics Controller                           | 70176 | 1 |     |
| Titan Quad Motor Controller                       | 70152 | 1 |    |
| VMX Wire Pack                                     | 70160 | 1 |    |
| Titan Cable Pack                                  | 70162 | 1 |    |
| Servo Extension Cable – 450mm                     | 70188 | 2 |   |
| Servo Y Connector                                 | 70189 | 2 |  |
| 12V 3,000 mAh NiMH Battery Pack, PP45             | 70018 | 1 |  |
| Tamiya Male to PowerPole Adaptive Connector Cable | 70191 | 1 |  |
| NiMH Battery Pack Charger – PP45                  | 70019 | 1 |  |
| Multi-Mode Smart Servo                            | 75002 | 2 |  |
| Multi-Mode Smart Servo 200                        | 75007 | 2 |  |

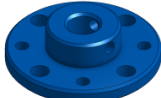
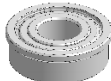
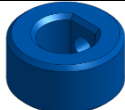
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|------------------------|-------|---|---------------------------------------------------------------------------------------|
| Smart Servo Programmer | 75003 | 1 |    |
| Battery Holder         | 75004 | 1 |    |
| <b>U-Channel</b>       |       |   |                                                                                       |
| 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 |  |
| <b>Flat Beams</b>      |       |   |                                                                                       |
| 288mm Flat Beam        | 76043 | 2 |  |
| 144mm Flat Beam        | 76046 | 2 |  |
| <b>L Beams</b>         |       |   |                                                                                       |

|                              |       |   |                                                                                       |
|------------------------------|-------|---|---------------------------------------------------------------------------------------|
| 96mm L-Beam                  | 76117 | 2 |     |
| <b>Square Beams</b>          |       |   |                                                                                       |
| 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 |  |
| <b>Irregular Brackets</b>    |       |   |                                                                                       |
| 96mm Adjustable Flat Bracket | 76083 | 2 |  |
| Inside U Bracket             | 76086 | 4 |  |
| L Bracket                    | 76087 | 4 |  |

|                                              |       |   |                                                                                       |
|----------------------------------------------|-------|---|---------------------------------------------------------------------------------------|
| Inside L Bracket                             | 76089 | 6 |     |
| Battery Clip                                 | 76088 | 2 |    |
| <b>Mounting Plates and Servo Attachments</b> |       |   |                                                                                       |
| Motor Mount Plate                            | 76140 | 4 |    |
| 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 |  |
| <b>Axles, and Rack &amp; Pinion</b>          |       |   |                                                                                       |
| 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   |    |
| <b>Standoffs</b>                |       |     |                                                                                       |
| 42mm Standoff                   | 76180 | 12  |    |
| 25mm Male to Female Standoff    | 76184 | 12  |    |
| 25mm Standoff                   | 76182 | 12  |   |
| <b>Screws and Nuts</b>          |       |     |                                                                                       |
| 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 |    |
| <b>Gears, Pulleys, and Belts</b>               |        |     |                                                                                       |
| 32 Tooth Gear                                  | 76220  | 2   |    |
| 64 Tooth Gear                                  | 76221  | 2   |    |
| 30 Tooth Bevel Gear                            | 76219  | 4   |    |
| 13 and 26 Tooth D-Shaft Helical Bevel Gear Set | 77223D | 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                        | 76272 | 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 Shaft Spacer                        | 76305 | 24 |  |

|                   |       |    |                                                                                     |
|-------------------|-------|----|-------------------------------------------------------------------------------------|
| 2mm Shaft Spacer  | 76306 | 24 |  |
| 5mm Shaft Spacer  | 76307 | 12 |  |
| 20mm Shaft Spacer | 76308 | 6  |  |