

RAM205 Yahboom G1 Tank Extension Parts**Student Kit****3.05****8/7/2025**

| Part Name | Quantity | Unit of Measure | Procurement Type | Cost | Price |
|--|----------|-----------------|------------------|---------|---------|
| 400 Point Breadboard | 1 | each | OTS | \$ 2.00 | \$ 2.00 |
| Power Supply with Barrel Connector 12V, 3A | 1 | each | OTS | \$ 9.34 | \$ 9.34 |
| Barrel Connector Extension Leads - Pair | 1 | each | OTS | \$ 0.95 | \$ 0.95 |
| Trailer LED Assembly | 1 | each | OTS | \$ 2.60 | \$ 2.60 |
| MOSFet Module | 1 | each | OTS | \$ 1.40 | \$ 1.40 |
| Mini Micro JST 2.0 PH 2-Pin cable | 1 | each | OTS | \$ 0.30 | \$ 0.30 |
| Servo Cable Male to Female 15cm | 2 | each | OTS | \$ 0.58 | \$ 1.16 |
| Servo Cable Male to Male 10cm | 2 | each | OTS | \$ 0.33 | \$ 0.67 |
| Jumper wire Male to Male 10cm | 1 | each | OTS | \$ 1.20 | \$ 1.20 |
| Test Leads 5x | 1 | each | OTS | \$ 1.70 | \$ 1.70 |
| Red LED | 2 | each | OTS | \$ 0.04 | \$ 0.07 |
| Micro switch | 2 | each | OTS | \$ 0.20 | \$ 0.40 |
| 10K 1/2W Resistor | 2 | each | OTS | \$ 0.04 | \$ 0.08 |
| 330 1/4W Resistor | 2 | each | OTS | \$ 0.04 | \$ 0.08 |
| Zip Tie extra small 3 inch | 3 | each | OTS | \$ 0.01 | \$ 0.03 |
| Screw #4 1/2 in | 3 | each | OTS | \$ 0.03 | \$ 0.09 |
| Locknut #4 | 3 | each | OTS | \$ 0.03 | \$ 0.09 |
| Spacer #4 1/8 in | 3 | each | OTS | \$ 0.03 | \$ 0.09 |
| LED assembly screw | 3 | each | OTS | \$ 0.03 | \$ 0.09 |
| LED assembly nut | 3 | each | OTS | \$ 0.03 | \$ 0.09 |
| Meter fuse 10A | 1 | each | OTS | \$ 0.60 | \$ 0.60 |
| subtotal | | | | \$ | 23.03 |