Mass Props with Correct Coord System (v2)

Mass properties of FULL Assembly

Configuration: Default

Coordinate system: -- default --

Mass = 479.82 grams

Volume = 269511.90 cubic millimeters

Surface area = 172278.66 square millimeters

Center of mass: ( millimeters )

X = -0.10

Y = -35.71

Z = 0.03

Principal axes of inertia and principal moments of inertia: ( grams \* square millimeters )

Taken at the center of mass.

Ix = (-0.01, 0.00, 1.00) Px = 2167333.57

Iy = ( 1.00, 0.00, 0.01) Py = 2256755.58

Iz = ( 0.00, 1.00, 0.00) Pz = 3399475.06

Moments of inertia: ( grams \* square millimeters )

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 2256750.28 Lxy = -1031.22 Lxz = -746.55

Lyx = -1031.22 Lyy = 3399474.11 Lyz = 165.40

Lzx = -746.55 Lzy = 165.40 Lzz = 2167339.83

Moments of inertia: ( grams \* square millimeters )

Taken at the output coordinate system.

Ixx = 2868456.42 Ixy = 653.99 Ixz = -748.04

Iyx = 653.99 Iyy = 3399479.22 Iyz = -373.05

Izx = -748.04 Izy = -373.05 Izz = 2779050.14

One or more components have overridden mass properties:

Top Plate<1><Default>@Top Assembly<1><Default>

Long Spacer<1><Default>@Top Assembly<1><Default>

Long Spacer<2><Default>@Top Assembly<1><Default>

Long Spacer<3><Default>@Top Assembly<1><Default>

Long Spacer<4><Default>@Top Assembly<1><Default>

Frame Arm<1><Default>

Arduino uno<1><Predeterminado>@Arduino Assembly<1><Default>

Arduino proto shield R3<1><Default>@Arduino Assembly<1><Default>

Battery<1><Default>

Motor with Propeller<1><Default>

Leg<1><Default>

Propeller Guard<1><Default>

Frame Arm<2><Default>

Frame Arm<3><Default>

Frame Arm<4><Default>

Propeller Guard<5><Default>

Propeller Guard<6><Default>

Propeller Guard<7><Default>

Motor with Propeller<8><Default>

Motor with Propeller<9><Default>

Motor with Propeller<10><Default>

Leg<5><Default>

Leg<6><Default>

Leg<7><Default>

Battery plate spacer<1><Default>

Battery plate spacer<2><Default>

Battery plate spacer<3><Default>

Battery plate spacer<4><Default>