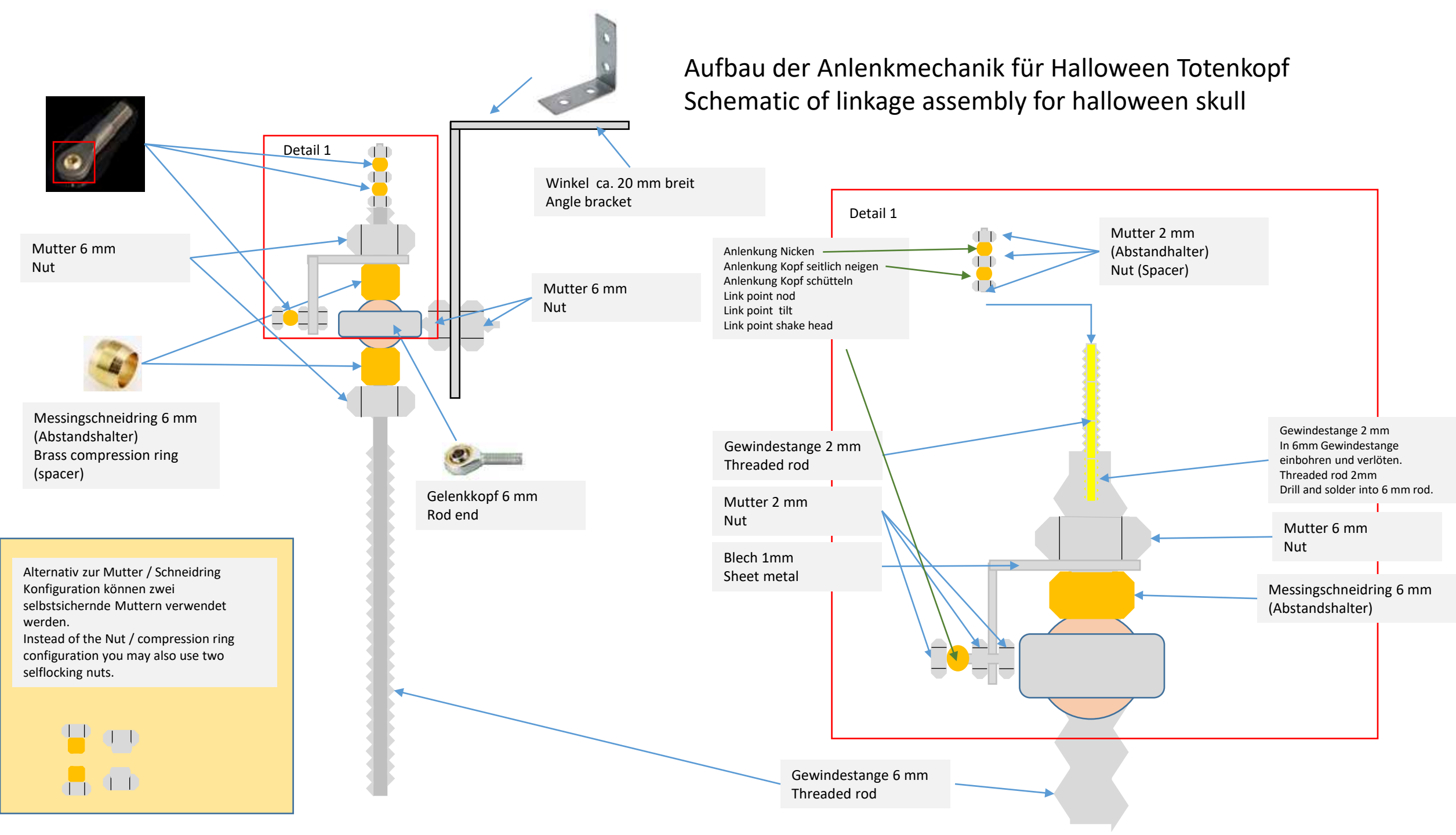


Aufbau der Anlenkmechanik für Halloween Totenkopf

Schematic of linkage assembly for halloween skull



Detail Anlenkung / Detail Linkage



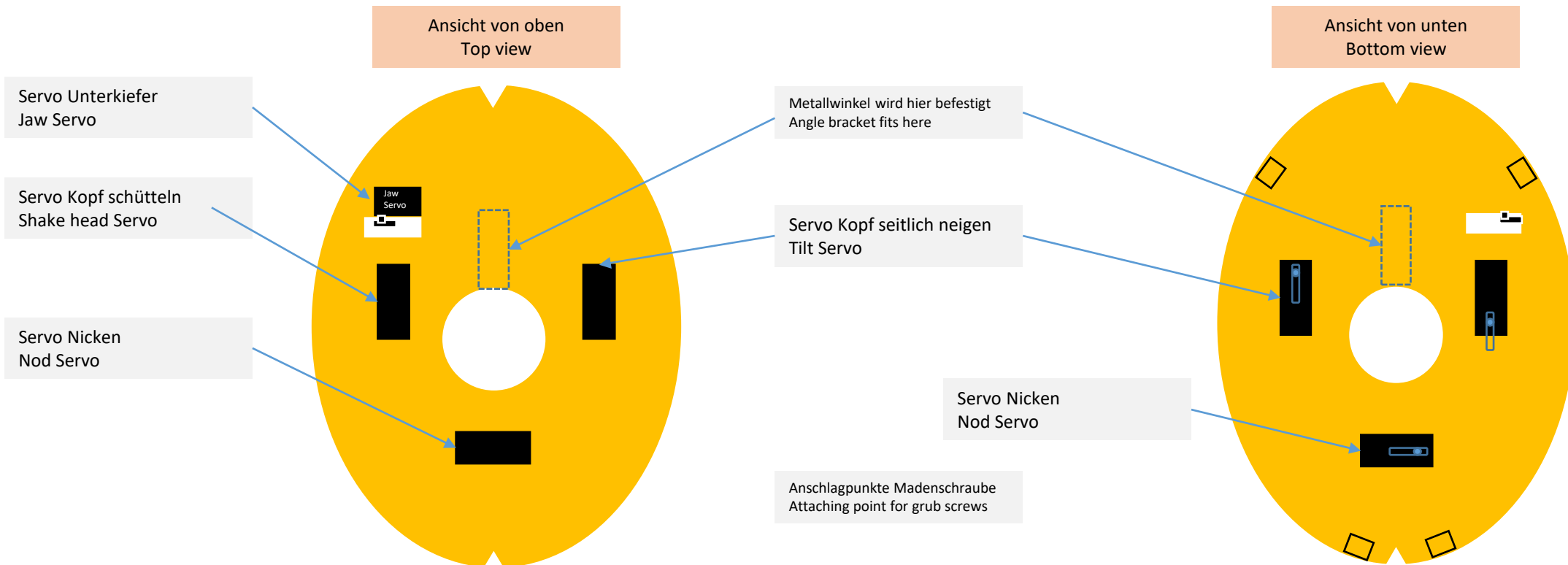
19 x 15 x 21 cm , 1.16 kg

Skull Medical Model XC-104 (China)



Servohalter Bestückung

Servo board assembly



Materialliste Skull

Schädel (Typ XC-104)	1 stck	(Skull)
Skull Servo Board	1 stck 3D Druck	(3D print)
Servo holder	1 stck 3D Druck	(3D print)
Gewindestange 6 mm	1 stck	(Threaded rod)
Gewindestange 2 mm	3 stck	(Threaded rod)
Mutter 6 mm	5 stck	(Nut)
Mutter 2 mm	6 stck	(Nut)
Servo Kugelkopf 2 mm	6 stck	(Servo link rod end)
Gelenkkopf m Gewindestange 6mm	1 stck	(Rod end)
Messingschneidring 6 mm	2 stck oder 6 mm selbstsichernde Mutter 2 stck	(Brass compression ring or 2 ea selflocking nut)
Metallwinkel 20 mm	1 stck	(Angle bracket)
1 mm Blech	Reststück	(Sheet metal piece scrap)
Servo MG945	3 stck	(Servo, China ware)
Servo SG90	1 stck	(Servo, China ware)
Arduino USB Nano V3.0	1 stck	(Arduino)
Step-Down-Schaltregler	2 stck	(Step down buck converter)
Lochrasterplatine (10 x 20 Löcher)	1 stck	(Blank circuit board 10 by 20 holes)
Madenschraube 4mm	4 stck	(Grub screw)

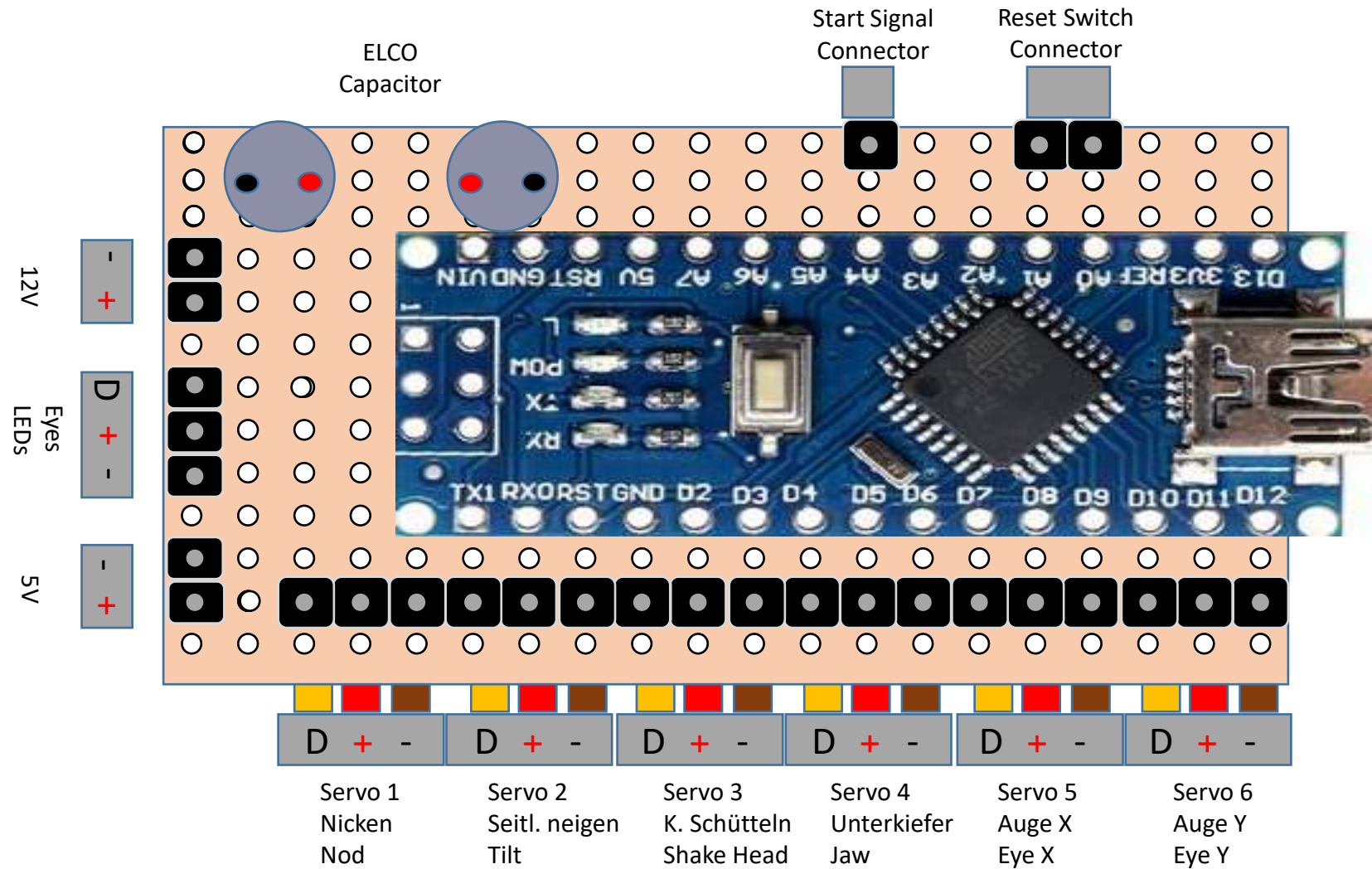
Materialliste Eyes Board

Eyes Board:	1 stck 3D Druck	(Eyes Board:, 3D print)
Eye Center Ball	2 stck 3D Druck	(Eye Center Ball , 3D print)
Eye Ball	2 stck 3D Druck	(Eye Ball, 3D print)
Verbinder	1 stck 3D Druck	(Link bar, 3D print)
Servo SG90	2 stck	(Servo, China ware)
Draht 1 mm	10 cm	(Metal wire, 1 mm)
Rohr 4 mm aussen (z.B Plastik)	10 cm	(Tube, 4 mm outer diameter plastic)
LED Typ WS2812 5050 (4 pin)	2 stck	(LED, China ware)

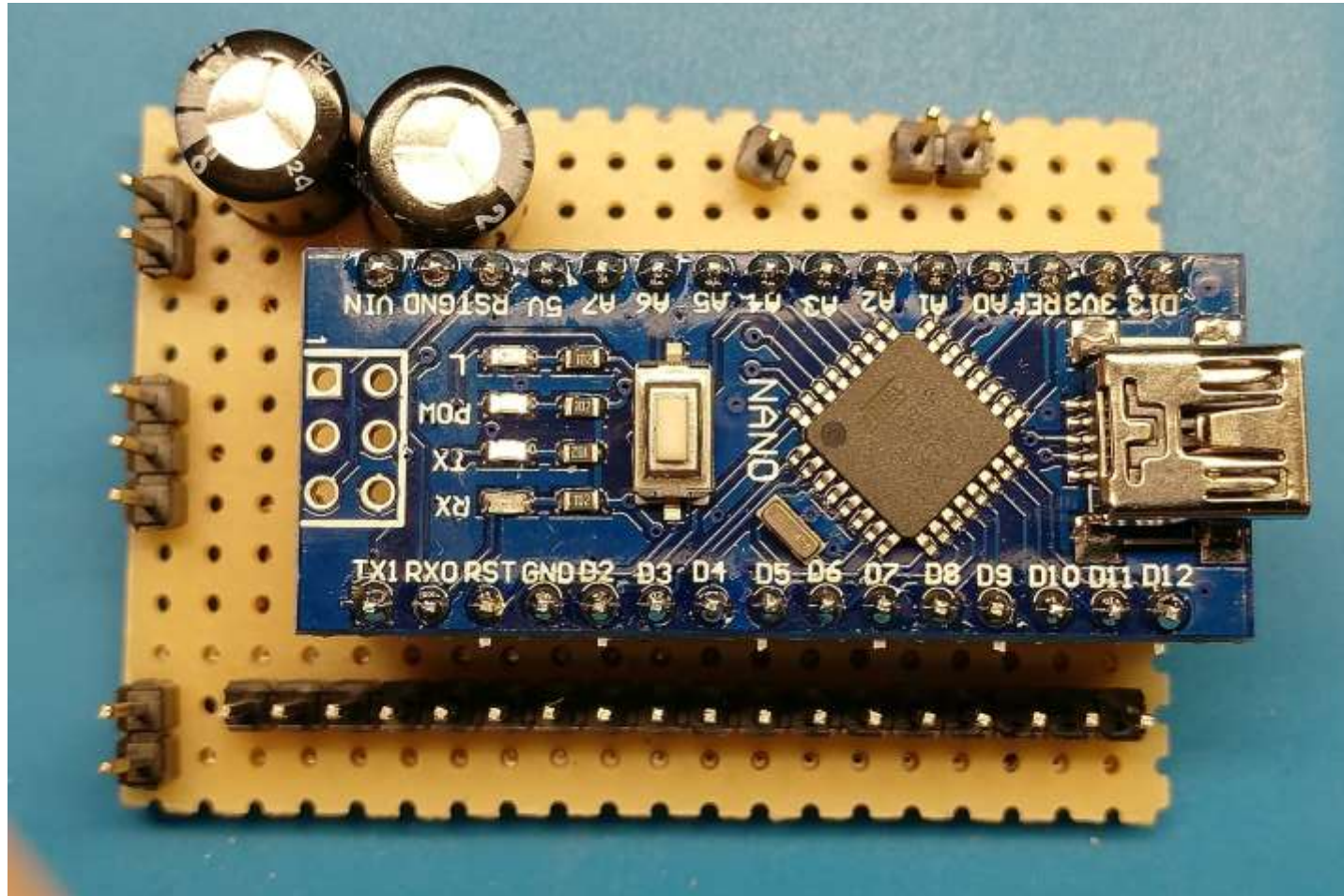
2 mm Schrauben / Muttern / Unterlegscheiben / Kabelbinder / Steckverbinder / Lochrasterplatine / Kupferlackdraht

(2mm screws / nuts / washers / cable straps / male & female pins for circuit boards / circuit board / magnet wire)

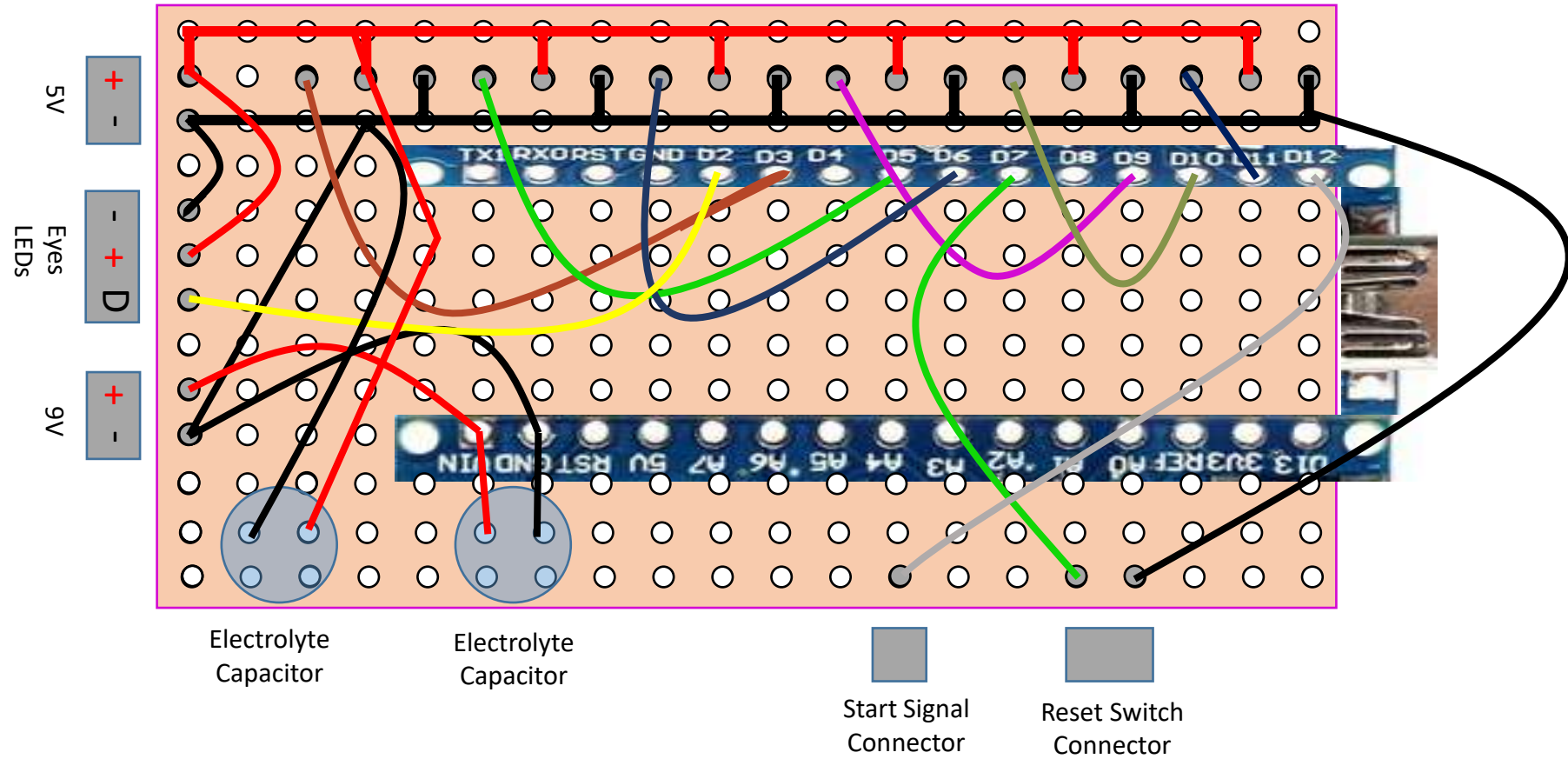
Platine Oberseite / Circuit Board Top ViewZ



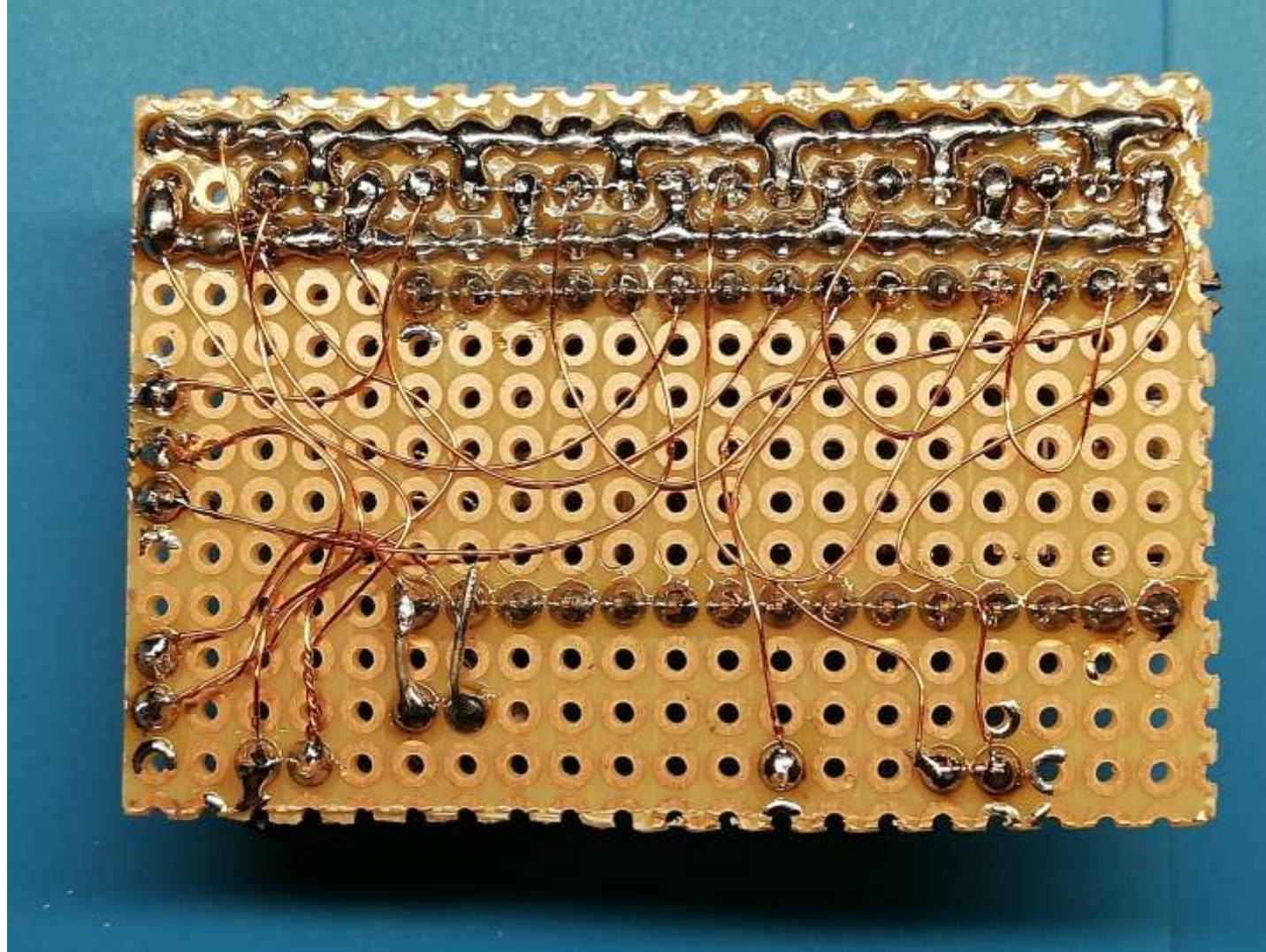
Platine Oberseite / Circuit Board Top View



Platine Unterseite/ CB Bottom View

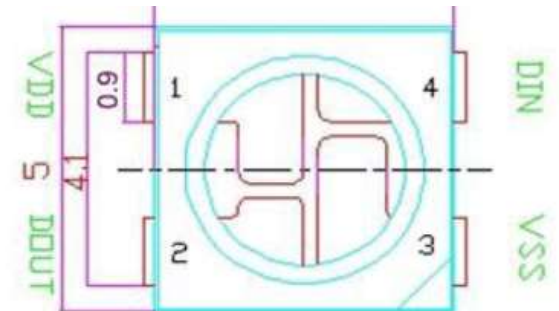
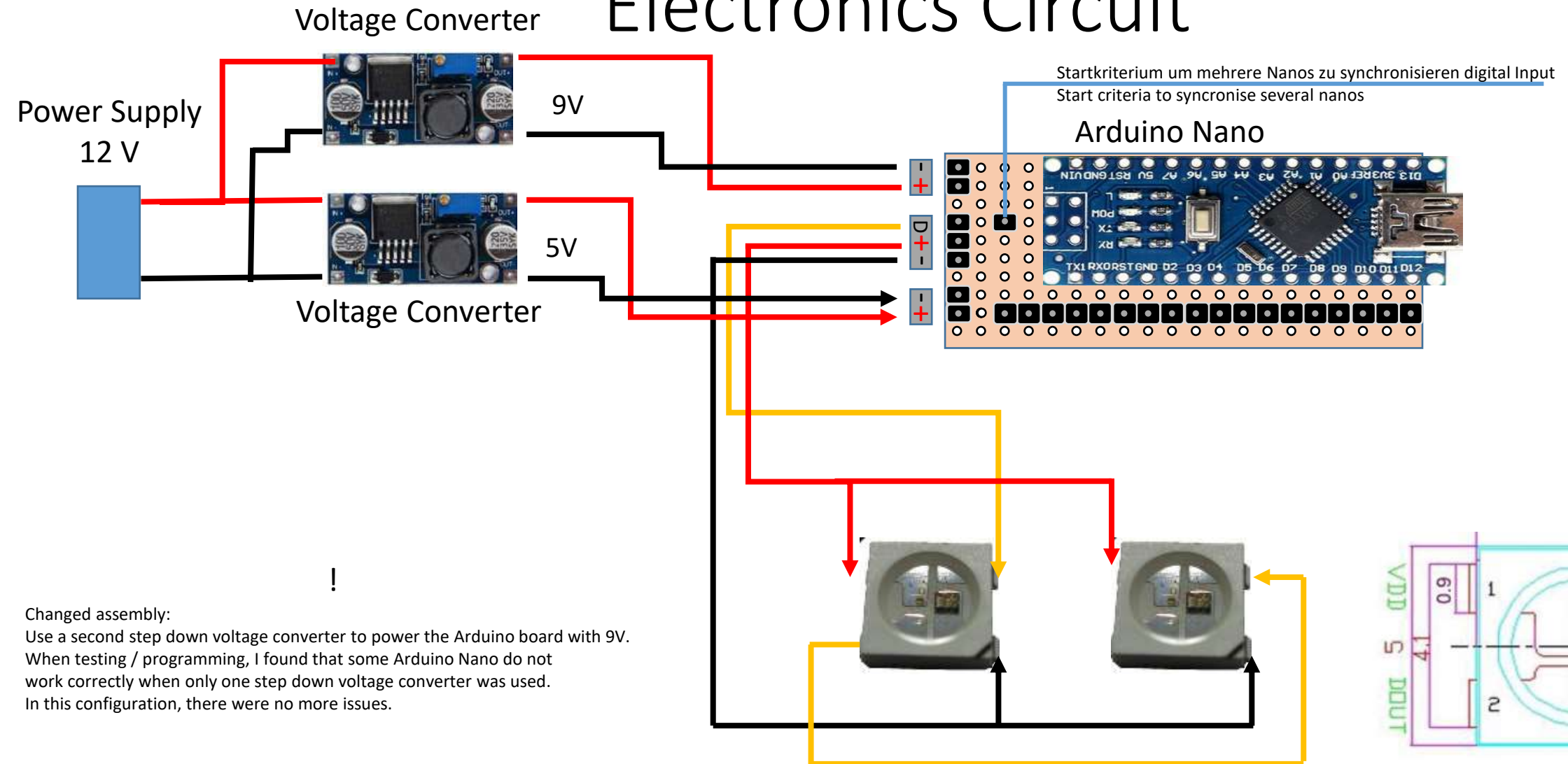


Platine Unterseite/ CB Bottom View

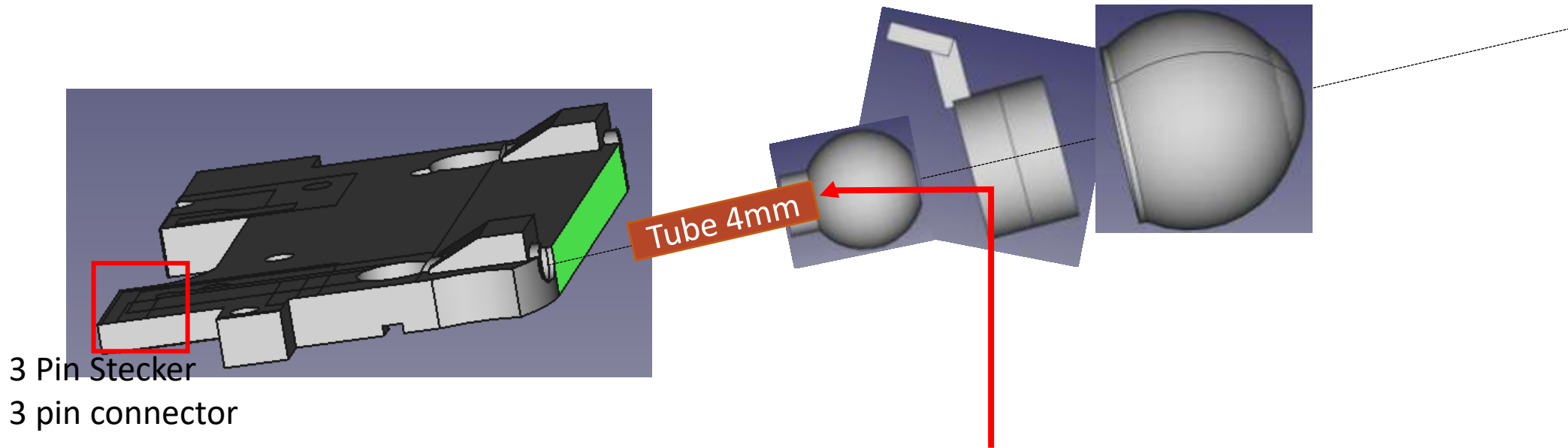


Elektronische Schaltung

Electronics Circuit



Servo Board Eyes/ Eye Board Assy



RGB LED hier einsetzen und beide LEDs auf einen 3 Pol Stecker zusammenführen
Fit your RGB LED here and lead wires for both LED to a 3 pin connector