| The BYTE BOM | [For Prototypes - Production will differ] | | | | | | | |
| | Costs are approximate for custom parts | | | | | | | |
Quantity	Description	Part Type	Manufacturer Part#	Unit	Qty per unit	Unit Cost	Extended Cost	Product Page/Source/Design...
1	Stem Top - 3D printed, PETG, 100% infill	3D Printed	N/A	EA	1	$0.50	$0.50	https://github.com/oneohm/BYTE/blob/master/BYTE_Printed_Parts/BYTE_108_Stem_Top.amf
1	Stem Middle - 3D printed, PETG, 100% infill	3D Printed	N/A	EA	1	$0.50	$0.50	https://github.com/oneohm/BYTE/blob/master/BYTE_Printed_Parts/BYTE_108_Stem_Middle.amf
1	Stem Bottom - 3D printed, PETG, 100% infill	3D Printed	N/A	EA	1	$0.50	$0.50	https://github.com/oneohm/BYTE/blob/master/BYTE_Printed_Parts/BYTE_108_Stem_Bottom.amf
1	Wedge - 3D printed, PETG, 20% infill	3D Printed	N/A	EA	1	$0.50	$0.50	https://github.com/oneohm/BYTE/blob/master/BYTE_Printed_Parts/BYTE_108_Wedge.amf
1	Retainer - 3D printed, PETG, 100% infill	3D Printed	N/A	EA	1	$0.50	$0.50	https://github.com/oneohm/BYTE/blob/master/BYTE_Printed_Parts/BYTE_108_Retainer.amf
1	Nav-Button - 3D printed, PETG, 100% infill	3D Printed	N/A	EA	1	$0.50	$0.50	https://github.com/oneohm/BYTE/blob/master/BYTE_Printed_Parts/BYTE_108_Button.amf
1	Controller Enclosure Top - 3D printed, PETG, 100% infill	3D Printed	N/A	EA	1	$0.50	$0.50	https://github.com/oneohm/BYTE/blob/master/BYTE_Printed_Parts/Controller_Enclosure_06_Top.amf
1	Controller Enclosure Bottom - 3D printed, PETG, 100% infill	3D Printed	N/A	EA	1	$0.50	$0.50	https://github.com/oneohm/BYTE/blob/master/BYTE_Printed_Parts/Controller_Enclosure_06_Bottom.amf
1	Force Sensitive Disc - Laser Cut, VELOSTAT 1706	Laser/Die Cut	1706	Pack	144	$13.65	$0.09	https://www.ebay.com/itm/Velostat-Lingstat-Pressure-Sensitive-Conductive-Film-12-X-12-6-mil-thick/202262191322
1	Stem Force Sensitive Resistor - Laser Cut, VELOSTAT 1706	Laser/Die Cut	1706	Pack	576	$13.65	$0.02	https://www.ebay.com/itm/Velostat-Lingstat-Pressure-Sensitive-Conductive-Film-12-X-12-6-mil-thick/202262191322
1	Stem Resistor Adhesive - Cut from 3M 468MP	Laser/Die Cut	12X12-6-468MP	Sheet	576	$5.53	$0.01	https://www.digikey.com/product-detail/en/3m-tc/12X12-6-468MP/3M9720-ND
1	Common Contact - Laser cut, 0.1mm Copper sheet	Laser Cut/Etched	B07K9K1Z8C	Roll	155	$7.99	$0.05	https://www.amazon.com/gp/product/B07K9K1Z8C
1	Silicone Disc - Punched from 0.032" sheet	Punched/Die Cut	RS-S50CFDA-4	Sheet	576	$21.25	$0.04	https://www.mscdirect.com/product/details/31939168
1	Nav Sensor PCB	Bare PCB	N/A	Panel	3	$3.00	$1.00	https://github.com/oneohm/BYTE/tree/master/FreeCAD_BYTE_Model
1	Bite Sensor PCB	Bare PCB	N/A	Panel	3	$3.00	$1.00	https://github.com/oneohm/BYTE/tree/master/FreeCAD_BYTE_Model
1	Controller PCB	Bare PCB	N/A	Panel	3	$3.00	$1.00	https://github.com/oneohm/BYTE/tree/master/BYTE_Controller_PCB
1	8P8C (RJ45) Connector, Right Angle, Through Hole	PCB Component	54602-908LF	EA	1	$0.62	$0.62	https://www.digikey.com/product-detail/en/54602-908LF/609-1046-ND
6	Resistors - 1K, 0603	PCB Component	RC0603JR-071KL	EA	1	$0.10	$0.10	https://www.digikey.com/product-detail/en/yageo/RC0603JR-071KL/311-1-0KGRCT-ND/729624
1	Transistor - 2N7002, SOT23	PCB Component	T2N7002BK,LM	EA	1	$0.16	$0.16	https://www.digikey.com/product-detail/en/toshiba-semiconductor-and-storage/T2N7002BK-LM/T2N7002BKLMCT-ND
1	Diode - Schottky, SOD123	PCB Component	BAT54GWJ	EA	1	$0.14	$0.14	https://www.digikey.com/product-detail/en/nexperia-usa-inc/BAT54GWJ/1727-7328-1-ND
1	Microcontroller Module - Seeeduino XIAO	PCB Component	102010328	EA	1	$5.00	$5.00	https://www.digikey.com/product-detail/en/seeed-technology-co-ltd/102010328/1597-102010328-ND/
1	Capacitor - Ceramic, 10uF, 0603	PCB Component	0603ZD106KAT2A	EA	1	$0.12	$0.12	https://www.digikey.com/product-detail/en/avx-corporation/0603ZD106KAT2A/478-10766-1-ND
1	Solder in Standoff - M2x0.4, 2.5mm Height	PCB Component	9774025243R	EA	1	$1.09	$1.09	https://www.digikey.com/product-detail/en/w-rth-elektronik/9774025243R/732-7079-1-ND
1	Haptic Actuator - 8x3mm 12000RPM DC 3V, 80mA	PCB Component	A00000257	Pack	15	$15.99	$1.07	https://www.amazon.com/gp/product/B07HQTF4DJ
1	Enclosure - Food grade silicone	Enclosure	LB-Paci-S301	Pack	3	$11.99	$4.00	https://www.amazon.com/dp/B07TYK5G3W
1	Screw - M2x0.4, 6mm long, Button Head, Hex	Hardware	B07W5HBRMP	Box	30	$10.99	$0.37	https://www.amazon.com/gp/product/B07W5HBRMP
1	Silicone O-Ring - 5x2x1.5mm	Hardware	a19111100ux0577	Pack	10	$5.69	$0.57	https://www.amazon.com/gp/product/B082ST728C
1	CAT 6 Flat Cable - 32AWG, 1/2 cable, stripped and tinned	Cable	B07P1S6VKP	Pack	10	$14.11	$1.41	https://www.amazon.com/gp/product/B07P1S6VKP
						$141.07	$21.86	