


Lista de materiales													
Proyecto:		EUCALYPTUS											
Curso:		4Dev											
Fecha:		17/01/2021											
Autor:		Elias Zarate											
Moneda:		USD		Tipo de cambio: -									
	Designator	Footprint	CANT.	Value	U. Price	Subtotal	%	Proveedor	MPN	DIGI-KEY PART NUMBER	PLACAS DE TERCEROS	LINKS	PRECIO USD
1	8,J9,J11,J12,J13,J15	DUAL_PAD_TH_SMD_2x5mm	1	conectores	0,700	0,700	2,11%	<a href="#">ML</a>		el 80% del precio original	MINISUMO STM32F103C	<a href="#">FACEBOOK</a>	
2	BZ1	Buzzer_12mm	1	Buzzer	0,550	0,550	1,66%	<a href="#">CANDYHO</a>	581 Orders	Item Code: #2928	CONTROLADOR XMOTION ALL IN ONE	<a href="#">JSUMO</a>	27,5
3	SW2	Pulsador_TH_4	1	start	0,100	0,100	0,30%	<a href="#">Digikey.link</a>	1825910-6	450-1650-ND	REDNOVA ROBOT CONTROLLER BOARD	<a href="#">SUMOZADE</a>	59
4	SW1	SW_SPST_TL3342	1	reset	0,510	0,510	1,54%	<a href="#">MOUSER.LINK</a>	KSC461JST1LFS	611-KSC461JST1LFS	LineZade Robot Controller Board	<a href="#">SUMOZADE</a>	29
5	R4,R5	R_1206	2	4K7	0,100	0,200	0,60%	<a href="#">Digikey.link</a>	CRGCQ1206J4K7	A130181DKR-ND	Maker Mini Sumo Controller	<a href="#">CYTRON</a>	24,75
6	C10,C13,C15	CAP_ELEC_SMD_4X5.5	3	100uF	0,190	0,570	1,72%	<a href="#">Digikey.link</a>	VE-101M1CTR-0605S	2616-VE-101M1CTR-0605S-ND	MiniBlack	<a href="#">JABOTS</a>	41,6
7	C1,C4	CAP_ELEC_SMD_4X5.5	2	10uF	0,170	0,340	1,03%	<a href="#">Digikey.link</a>	VZH100M1CTR-0406S	2616-VZH100M1CTR-0406S-ND			
8	Y1	C_1206	1	16MHZ	1,060	1,060	3,20%	<a href="#">MOUSER.LINK</a>	BM9-16.000MHZ-10-D-1U-	815-ABM916MHZ10D1UT			
9	U3,U4	SSOP-8	2	DRV8872	2,428	4,856	14,66%	<a href="#">Digikey.link</a>	DRV8872DDA	296-46512-5-ND			
10	SW3	Dip_SW_2-300	1	Estrategias	0,470	0,470	1,42%	<a href="#">Digikey.link</a>	210-2MS	CT2102MS-ND			
11	U1	SOT223	1	LM1117-SOT	0,985	0,985	2,97%	<a href="#">Digikey.link</a>	LM1117MP-5.0/NOPB	LM1117MP-5.0/NOPBTR-ND			
12	U2	TQFP-32_7x7mm_Pitch0.8mm	1	ATMEGA328P-AU	2,000	2,000	6,04%	<a href="#">Digikey.link</a>	ATMEGA328P-AU	ATMEGA328P-AU-ND			
13	Display1	128x64OLED	1	06-SSD1306-128x64_OLED	7,490	7,490	22,61%	<a href="#">Nubbeo</a>					
14	C7,C8	C_1206	2	18pF	0,160	0,320	0,97%	<a href="#">Digikey.link</a>	C1206C180J5GACTU	399-1195-6-ND			
15	D1	SOD80C	1	1N4148	0,130	0,130	0,39%	<a href="#">MOUSER.LINK</a>	LL4148-GS18	78-LL4148-GS18			
16	D2	LED_1206	1	RED	0,310	0,310	0,94%	<a href="#">Digikey.link</a>	L152L-QYC	2460-L152L-QYCTR-ND			
17	R11,R12	R_1206	2	0,25	0,363	0,726	2,19%	<a href="#">Digikey.link</a>	ERJ-8CWJR025V	P0.025BWTR-ND			
19	J1,J16,J17	H_B2B-EH-A_1x02_P2.50mm_Verical	3	conectores jst	0,036	0,108	0,33%	<a href="#">ML</a>	preciox100 =3,61				
20	R7,R8	R_1206	2	1K	0,028	0,055	0,17%	<a href="#">Digikey.link</a>	CRGCQ1206F1K0	A129810TR-ND			
21	R6	R_1206	1	330	0,100	0,100	0,30%	<a href="#">Digikey.link</a>	RC1206FR-07330RL	311-330FRDKR-ND			
22	R1,R2,R3,R9,R10	R_1206	5	10K	0,027	0,137	0,41%	<a href="#">Digikey.link</a>	CRG1206F10K	A106069TR-ND			
23	Q1	SOT23	1	2N7002	0,320	0,320	0,97%	<a href="#">Digikey.link</a>	2N7002	2N7002NDKR-ND			
24	J10	pin_strip_3x2	1	ICSP	0,310	0,310	0,94%	<a href="#">ML</a>		el 20% del precio original			
25	J2	pin_strip_4	1	Transmisor RF	0,560	0,560	1,69%	<a href="#">ML</a>	tira de 40				
26	C9,C11,C6,C12,C14	C_1206	6	100nF	0,036	0,215	0,65%	<a href="#">Digikey.link</a>	C1206C104K5RAC7800	399-C1206C104K5RAC7800CT-ND			
27	pcb		1		10,000	10,000	30,19%						
28													
29													
	Notas			TOTAL	33,122								

conector jst x100 [Vias Tipo Jst Xh X100 | Mercado Libre](#) usd. 3,61