


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
1	8,J9,J11,J12,J13,J15	DUAL_PAD_TH_SMD_2x5mm	1	conectores	0,700	0,700	2,02%	ML		el 80% del precio original
2	BZ1	Buzzer_12mm	1	Buzzer	1,430	1,430	4,12%	MOUSER.LINK	CPI-1375IC-80T	490-CPI-1375IC-80T
3	SW2	Pulsador_TH_4	1	start	0,100	0,100	0,29%	Digikey.link	1825910-6	450-1650-ND
4	SW1	SW_SPST_TL3342	1	reset	0,510	0,510	1,47%	MOUSER.LINK	KSC461JST1LFS	611-KSC461JST1LFS
5	R4,R5	R_1206	2	4K7	0,100	0,200	0,58%	Digikey.link	CRGCQ1206J4K7	A130181DKR-ND
6	C10,C13,C15	CAP_ELEC_SMD_4X5.5	3	100uF	0,190	0,570	1,64%	Digikey.link	VE-101M1CTR-0605S	2616-VE-101M1CTR-0605S-ND
7	C1,C4	CAP_ELEC_SMD_4X5.5	2	10uF	0,170	0,340	0,98%	Digikey.link	VZH100M1CTR-0406S	2616-VZH100M1CTR-0406S-ND
8	Y1	C_1206	1	16MHZ	1,060	1,060	3,06%	MOUSER.LINK	BM9-16.000MHZ-10-D-1U-	815-ABM916MHZ10D1UT
9	U3,U4	SSOP-8	2	DRV8872	2,428	4,856	14,00%	Digikey.link	DRV8872DDA	296-46512-5-ND
10	SW3	Dip_SW_2-300	1	Estrategias	0,470	0,470	1,36%	Digikey.link	210-2MS	CT2102MS-ND
11	U1	SOT223	1	LM1117-SOT	0,985	0,985	2,84%	Digikey.link	LM1117MP-5.0/NOPB	LM1117MP-5.0/NOPBTR-ND
12	U2	TQFP-32_7x7mm_Pitch0.8mm	1	ATMEGA328P-AU	2,000	2,000	5,77%	Digikey.link	ATMEGA328P-AU	ATMEGA328P-AU-ND
13	Display1	128x64OLED	1	06-SSD1306-128x64_OLED	8,170	8,170	23,56%	Starware.link		
14	C7,C8	C_1206	2	18pF	0,160	0,320	0,92%	Digikey.link	C1206C180J5GACTU	399-1195-6-ND
15	D1	SOD80C	1	1N4148	0,130	0,130	0,37%	MOUSER.LINK	LL4148-GS18	78-LL4148-GS18
16	D2	LED_1206	1	RED	0,310	0,310	0,89%	Digikey.link	L152L-QYC	2460-L152L-QYCTR-ND
17	R11,R12	R_1206	2	0,25	0,363	0,726	2,09%	Digikey.link	ERJ-8CWJR025V	P0.025BWTR-ND
19	J1,J16,J17	H_B2B-EH-A_1x02_P2.50mm_Vertical	3	conectores jst	0,036	0,108	0,31%	ML	preciox100 =3,61	
20	R7,R8	R_1206	2	1K	0,028	0,055	0,16%	Digikey.link	CRGCQ1206F1K0	A129810TR-ND
21	R6	R_1206	1	330	0,100	0,100	0,29%	Digikey.link	RC1206FR-07330RL	311-330FRDKR-ND
22	R1,R2,R3,R9,R10	R_1206	5	10K	0,027	0,137	0,39%	Digikey.link	CRG1206F10K	A106069TR-ND
23	Q1	SOT23	1	2N7002	0,320	0,320	0,92%	Digikey.link	2N7002	2N7002NDKR-ND
24	J10	pin_strip_3x2	1	ICSP	0,310	0,310	0,89%	ML		el 20% del precio original
25	J2	pin_strip_4	1	Transmisor RF	0,560	0,560	1,61%	ML	tira de 40	
26	C9,C11,C6,C12,C14	C_1206	6	100nF	0,036	0,215	0,62%	Digikey.link	C1206C104K5RAC7800	399-C1206C104K5RAC7800CT-ND
27	pcb		1		10,000	10,000	28,83%			
28										
29										
	Notas			TOTAL	34,682					

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