Parts Per Transmitter:												
Part Type:	Part Number:	Link:	Number Needed:	Cost Per Item:	Total Cost:							
RP2040	RP2040	https://www.adaf	6	\$4.00	\$24.00	(4/6 of these are	e spares) = \$16					
RF Atenna	994-1240-ND	QWB144 TE Cor	1	\$14.28	\$14.28	3						
Power Amplifier	2032-1012-ND	CMX902QT8 CM	1	\$1.94	\$1.94							
Op-Amps	AD8017ARZ-REEL	AD8017ARZ-RE	1	\$6.99	\$6.99							
Oscillator	CVCO33CL-0110-0			\$23.10	\$46.20)						
Mixer	SA612AD	https://www.mous				3						
				Total:	\$105.69							
Adders:												
Ceramic Cap 0.1uF	CL05A104KA5NNN	https://www.digik	100	\$0.0045	\$0.4500		Bandpass Filter Attempt:					
Ceramic Cap 10uF	CL10A105KA8NNN	https://www.digik	100	\$0.014	\$1.400		Name:	Part #:	Link:	Quantity:	Unit Cost:	Total Cost:
SMD 500Ohm Resistor	RC0603FR-07499F	https://www.digik	50	\$0.021	\$1.050		50 ohm resistor	RC0402JR-0750	https://www.digik	(10 \$0.100	\$1.00
				Total (Per Transmitter):	\$2.9000		130pF capacitor	C0603C301J8HA	https://www.digik	(10 \$0.100	\$1.00
							9.1nH inductor	LQP03TN9N1H0	https://www.digik	(10 \$0.100	\$1.00
Power Amp Passives (Ha	rris):						39nH inductor	LQG15HS39NJ0	https://www.digik	(10 \$0.100	\$1.00
SMD 2000hm Resistor	RC0603JR-07200F	https://www.digik	10	\$0.017	\$0.17	,	62nH inductor	MLG1005S62NJ			10 \$0.160	
SMD 680Ohm Resistor	WR06X6800FTL						18pF capacitor	CC1206JRNPO9	-		10 \$0.024	
SMD 68kOhm Resistor	RC0603JR-0768KL						30pF capactor	C0805C300M5H			10 \$0.100	
SMD 100kOhm Resistor	RC0603FR-07100F						220pF capacitor	CL10C221JB8NI			10 \$0.032	
SMD 510hm Resistor	RC0603JR-0751RI			\$0.017	\$0.17	,	5.6nH inductor	LQP03TN5N6H0			10 \$0.100	\$1.00
SMD 47kOhm Resistor		https://www.digik)	360nH inductor	MLG1005SR36J			10 \$0.130	
SMD 39kOhm Resistor	RC0603JR-0739KL			\$0.017	\$0.17	,					Total	\$9.46
SMD 4.7uF Capacitor	CL21A475KAQNNI											
SMD 470pF Capacitor	CGA1A2X7R1H47											
SMD 1uF Capacitor	CL10A105KA8NNN	-										
SMD 100pF Capacitor	CL05C101JB5NNN											
SMD 1nF Capacitor	CL10C102JB8NNN											
SMD 10nF Capacitor	CL05B103KB5NNN											
SMD 12pF Capacitor	CL05C120JB5NNN											
SMD 56pF Capacitor	CL10C560JB8NNN											
SMD 5.6pF Capacitor	04025A5R6BAT2A											
SMD 3.3pF Capacitor	CL10C3R3CB81PN											
56nH Inductor	0603CT-56N	https://www.coilc		\$1.010								
19nH Inductor	0603DC-18N	https://www.coilc										
150nH Inductor	0603DC-R15	https://www.coilc										
12nH Inductor	0603DC-12N	https://www.coilc										
12.111 11100001	000000 12.1	парозличизово	J	Total Power Amp Passives Cost:	\$17.52							
				Total Total Tamp Tassings See	V 11.02							
Spare Parts:												
Part Type:	Part Number:	Link:	Number Needed:	Cost Per Item:	Total Cost:							
RF Atenna	994-1240-ND	QWB144 TE Cor		\$14.28		3						
Power Amplifier		CMX902QT8 CM		\$1.94		_						
Op-Amps	AD8017ARZ-REEL			\$6.99		<u> </u>						
Oscillator	CVCO33CL-0110-0		2	\$23.10								
Mixer	SA612AD	https://www.mou	_	\$3.07								
Blinky Bois		https://www.digik	20		\$2.820							
J, DOIO	2.51 01011(01(1	- Aposi WW. digik	20	Total Spares (Per Radio):	\$101.28							
				operoo (i o. itaaio).	Ų101.Z0							
Power Input/Regulation:												
N-Channel MOSFET	MCU30N02-TP	https://www.digik	1	\$0.52	\$0.52							
P-Channel MOSFET	AOD413A	https://www.digik		\$0.52								
- CHAINEI WOOFET		https://www.digik		\$3.56								

3.3V LDO Regulator	AZ1084CD-3.3TR0	https://www.digik	1	\$0.62	\$0.62					
Adjustable LDO Regulator	LD29300P2MTR	https://www.digik	1	\$1.81	\$1.81					
SMD 2.26kOhm Resistor	RC0603FR-072K2	https://www.digik	10	\$0.021	\$0.210					
SMD 1kOhm Resistor	RNCP0603FTD1K	https://www.digik	10	\$0.061	\$0.610					
SMD 0.1uF Capacitor	CL10B104KB8NNV	https://www.digik	10	\$0.019	\$0.190					
SMD 0.33uF Capacitor	CL10B334KO8NNI	https://www.digik	10	\$0.049	\$0.490					
SMD 10uF Capacitor	CL21A106KOQNN	https://www.digik	10	\$0.074	\$0.740					
SMD 22uF Capacitor	CL21A226MOQNN	https://www.digik	10	\$0.18	\$1.83					
		Total Power Input/Regulation Cost:		\$11.19						
Mixer Passives:						SA612A Double	pg 7 typical application			
22 pF	478-10171-1-ND	0402YA220FAT2	10	\$0.47	\$4.70					
1 nF	04025C102KAT2A	https://datasheet	10	\$0.10	\$1.00					
5.5 uF	81-GRM1555C1H5R	GRM1555C1H5F	10	\$0.15	\$1.50					
5.6 pF	UMK105CG5R6CV	https://www.digik	10	\$0.10	\$1.00					
6.8 uF	C1608X5R1E685K	https://www.digik	10	\$0.64	\$6.40					
100 nF	0402YC104KAT2A	https://www.digik	10	\$0.10	\$1.00					
10 nF	04023C103KAT2A	https://www.digik	10	\$0.10	\$1.00					
47 pF	06035A470FAT2A	https://www.digik	10	\$0.20	\$2.00					
220 pF	06035A221FAT2A	https://www.digik	10	\$0.39	\$3.90					
.209>.283 uH	MLK1005SR24JT0	https://www.digik	5	\$0.24	\$1.20					
.5 > 1.3 uH	74438324010	https://www.digik	5	\$1.50	\$7.50					
50pF	478-10324-2-ND	06035A500JAT2	10	\$0.21	\$1.44					
			Total for mi	ker passives + spares:	\$32.64					
			TOTAL COS	T OF ALL THE SHIT:	\$280.68					